



# Anti-PLAT polyclonal antibody (DPAB0808RH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| Specificity        | Human tPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Source/Host        | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Species Reactivity | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Purification       | Protein A chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Conjugate          | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Applications       | <p>Suitable for use in ELISA (1:10,000–1:100,000), Western blot (1:1,000–1:10,000) and immunohistochemistry (1:100–1:1,000; frozen, paraformaldehyde-fixed sections). Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended pairs for sandwich immunoassay:</p> <ul style="list-style-type: none"> <li>• <b>Capture</b><br/><a href="#">DMAB2450MH</a></li> <li>• <b>Detection</b><br/><a href="#">DPAB0808RH</a></li> </ul> |
| Format             | Purified, Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Concentration      | 1mg/ml (OD280nm, E0.1% = 1.36)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Size               | 200 µg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Buffer             | 0.05M Sodium phosphate, pH 6.6 containing 0.1M Sodium chloride and 1mM EDTA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Preservative       | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

**Storage**

Upon receipt, store at -70°C. Avoid multiple freeze/thaw cycles.

## GENE INFORMATION

|                     |                                                                                                                                                                                                                                                                                                                                                   |
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| Gene Name           | <a href="#">PLAT plasminogen activator, tissue [ Homo sapiens ]</a>                                                                                                                                                                                                                                                                               |
| Official Symbol     | PLAT                                                                                                                                                                                                                                                                                                                                              |
| Synonyms            | PLAT; plasminogen activator, tissue; TPA; T-PA; DKFZp686I03148; tissue-type plasminogen activator; alteplase; reteplase; OTTHUMP00000225783; OTTHUMP00000225784; OTTHUMP00000225785; OTTHUMP00000225786; OTTHUMP00000225787; OTTHUMP00000225788; t-plasminogen activator; plasminogen activator, tissue type; tissue plasminogen activator (t-PA) |
| Entrez Gene ID      | <a href="#">5327</a>                                                                                                                                                                                                                                                                                                                              |
| Protein Refseq      | <a href="#">NP_000921</a>                                                                                                                                                                                                                                                                                                                         |
| UniProt ID          | <a href="#">P00750</a>                                                                                                                                                                                                                                                                                                                            |
| Chromosome Location | 8p12                                                                                                                                                                                                                                                                                                                                              |
| Pathway             | Blood Clotting Cascade; Complement and Coagulation Cascades; Dissolution of Fibrin Clot; Endochondral Ossification; Hemostasis; Selenium Pathway; Senescence and Autophagy; Signaling by PDGF                                                                                                                                                     |
| Function            | peptidase activity; protein binding; serine-type endopeptidase activity                                                                                                                                                                                                                                                                           |