



# Anti-DPEP1 (aa 263-388) polyclonal antibody (DPABH-16558)

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

## PRODUCT INFORMATION

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|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Antigen Description</b> | Hydrolyzes a wide range of dipeptides. Implicated in the renal metabolism of glutathione and its conjugates. Converts leukotriene D4 to leukotriene E4; it may play an important role in the regulation of leukotriene activity. |
| <b>Immunogen</b>           | antigen sequence, corresponding to amino acids 263-388 of Human DPEP1.                                                                                                                                                           |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                                              |
| <b>Source/Host</b>         | Rabbit                                                                                                                                                                                                                           |
| <b>Species Reactivity</b>  | Human                                                                                                                                                                                                                            |
| <b>Purification</b>        | Immunogen affinity purified                                                                                                                                                                                                      |
| <b>Conjugate</b>           | Unconjugated                                                                                                                                                                                                                     |
| <b>Applications</b>        | IHC-P                                                                                                                                                                                                                            |
| <b>Format</b>              | Liquid                                                                                                                                                                                                                           |
| <b>Size</b>                | 100 µl                                                                                                                                                                                                                           |
| <b>Buffer</b>              | pH: 7.20; Constituents: 59% PBS, 40% Glycerol                                                                                                                                                                                    |
| <b>Preservative</b>        | 0.02% Sodium Azide                                                                                                                                                                                                               |
| <b>Storage</b>             | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.                                                                                                                                            |

## GENE INFORMATION

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|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">DPEP1 dipeptidase 2 (renal) [ Homo sapiens ]</a>                                                                                                 |
| <b>Official Symbol</b> | DPEP1                                                                                                                                                        |
| <b>Synonyms</b>        | DPEP1; dipeptidase 1 (renal); MDP; RDP; MBD1; dipeptidase 1; hRDP; renal dipeptidase; dehydropeptidase-I; microsomal dipeptidase;                            |
| <b>Entrez Gene ID</b>  | <a href="#">1800</a>                                                                                                                                         |
| <b>Protein Refseq</b>  | <a href="#">NP_001121613.1</a>                                                                                                                               |
| <b>UniProt ID</b>      | <a href="#">P16444</a>                                                                                                                                       |
| <b>Pathway</b>         | Arachidonic acid metabolism; Metabolism; Synthesis of Leukotrienes (LT) and Eoxins (EX); leukotriene biosynthesis.                                           |
| <b>Function</b>        | GPI anchor binding; cysteine-type endopeptidase inhibitor activity involved in apoptotic process; dipeptidyl-peptidase activity; metallodipeptidase activity |