



## Anti-NPC1 polyclonal antibody (DPABH-25540)

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

### PRODUCT INFORMATION

|                            |   |
|----------------------------|---|
| <b>Antigen Description</b> | Involved in the intracellular trafficking of cholesterol. May play a role in vesicular trafficking in glia, a process that may be crucial for maintaining the structural and functional integrity of nerve terminals. |
| <b>Immunogen</b>           | Synthetic peptide conjugated to KLH derived from within residues 1250 to the C-terminus of Human Niemann Pick C1.   |
| <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>        | IP, ICC/IF, WB  |
| <b>Format</b>              | Liquid  |
| <b>Size</b>                | 100 µg  |
| <b>Buffer</b>              | pH: 7.40; Constituent: PBS  |
| <b>Preservative</b>        | 0.02% Sodium Azide  |
| <b>Storage</b>             | Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.  |

### GENE INFORMATION

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|------------------------|---|
| <b>Gene Name</b>       | <a href="#">NPC1 Niemann-Pick disease, type C2 [ Homo sapiens ]</a>                 |
| <b>Official Symbol</b> | NPC1  |
| <b>Synonyms</b>        | NPC1; Niemann-Pick disease, type C1; NPC; Niemann-Pick C1 protein;                  |
| <b>Entrez Gene ID</b>  | <a href="#">4864</a>  |
| <b>Protein Refseq</b>  | <a href="#">NP_000262.2</a>   |
| <b>UniProt ID</b>      | <a href="#">O15118</a>  |
| <b>Pathway</b>         | Lysosome;   |
| <b>Function</b>        | cholesterol binding; hedgehog receptor activity; protein binding; receptor activity |

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