



[Go to Product page](#)

Datasheet for ABIN1390543
anti-DLG3 antibody (AA 501-600) (Biotin)

Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | DLG3 |
| Binding Specificity: | AA 501-600 |
| Reactivity: | Human, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This DLG3 antibody is conjugated to Biotin |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

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|-----------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from human SAP102 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Rat |
| Predicted Reactivity: | Mouse,Dog,Cow,Pig,Horse,Chicken,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|---|
| Target: | DLG3 |
| Alternative Name: | SAP102/DLG3 (DLG3 Products) |

Target Details

Background: Synonyms: Discs large homolog 3 neuroendocrine dlg, Discs large homolog 3, Disks large homolog 3, DLG 3, DLG3, DLG3_HUMAN, MPP3, MPP-3, KIAA1232, mKIAA1232, MRX 90, MRX, MRX90, NE Dlg, NEDLG, Neuroendocrine dlg, Neuroendocrine-DLG, OTTHUMP00000023475, OTTHUMP00000023476, OTTHUMP00000023477, SAP 102, SAP-102, SAP102, Synapse associated protein 102, Synapse-associated protein 102, XLMR, bA29107.3, bA29107.3.

Background: MPP3, also known as Discs large homolog 3 (DLG3), is a 585 amino acid protein belonging to the MAGUK family. Proteins in the MAGUK family, including CASK, ZO-1, ZO-2, p55 and MPP2, are known to regulate cell proliferation, intracellular junctions and signaling pathways by interacting with the cytoskeleton. MPP3 contains one guanylate kinase-like domain, one PDZ domain, two L27 domains and one SH3 domain. Via the PDZ domain, MMP3 interacts with the C-terminus of TSLC1. MMP3 has also been found to interact with SR-2A and SR-4.

Gene ID: 1741, 1739

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months