



Anti-DLG3 (C-terminal) polyclonal antibody (DPABT-H23592)

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

PRODUCT INFORMATION

Product Overview	Rabbit Anti-DLG3 Polyclonal Antibody
Antigen Description	Required for learning most likely through its role in synaptic plasticity following NMDA receptor signaling.
Specificity	Specific for SAP102.
Target	DLG3
Immunogen	A synthetic peptide from c-terminal region of human SAP102 (DLG3) conjugated to an immunogenic carrier protein was used as the antigen. The peptide shares 95% identity with rat and mouse sequences.
Isotype	Whole serum
Source/Host	Rabbit
Species Reactivity	Human
Purification	Whole serum
Conjugate	Unconjugated
Reconstitution	Reconstitute in 100 µl of sterile water. Centrifuge to remove any insoluble material.
Format	Lyophilised
Size	100 µl
Preservative	None

Storage	Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.
Ship	This item will be shipped to you at ambient temperature in a lyophilised form.

GENE INFORMATION

Gene Name	DLG3 discs, large homolog 3 (Drosophila) [Homo sapiens]
Official Symbol	DLG3
Synonyms	DLG3; discs, large homolog 3 (Drosophila); discs, large homolog 3 (neuroendocrine dlg, Drosophila); disks large homolog 3; KIAA1232; MRX90; NE Dlg; NEDLG; neuroendocrine dlg; SAP 102; SAP102; neuroendocrine-DLG; synapse-associated protein 102; MRX; XLMR;
Entrez Gene ID	1741
Protein Refseq	NP_001159750
UniProt ID	Q92796
Chromosome Location	Xq13.1
Pathway	Activation of Ca-permeable Kainate Receptor, organism-specific biosystem; Activation of Kainate Receptors upon glutamate binding, organism-specific biosystem; Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Ionotropic activity of Kainate Receptors, organism-specific biosystem; L1CAM interactions, organism-specific biosystem; Neuronal System, organism-specific biosystem;
Function	PDZ domain binding; guanylate kinase activity; ionotropic glutamate receptor binding; phosphatase binding; protein C-terminus binding; protein binding; protein phosphatase binding;