

Product datasheet for **TA356947**

PSD95 (DLG4) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human DLG4
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish Homology: Cow: 100%; Dog: 79%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	85kDa
Gene Name:	discs large MAGUK scaffold protein 4
Database Link:	NP_001356 Entrez Gene 13385 Mouse Entrez Gene 1742 Human P78352



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Background:

This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) family. It heteromultimerizes with another MAGUK protein, DLG2, and is recruited into NMDA receptor and potassium channel clusters. These two MAGUK proteins may interact at postsynaptic sites to form a multimeric scaffold for the clustering of receptors, ion channels, and associated signaling proteins. Multiple transcript variants encoding different isoforms have been found for this gene.

Synonyms:

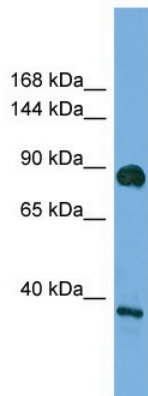
FLJ97752; FLJ98574; PSD-95; PSD95; SAP-90; SAP90

Protein Families:

Druggable Genome

Protein Pathways:

Huntington's disease

Product images:


WB Suggested Anti-DLG4 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:1562500
 Positive Control: HT1080 cell lysate



Host: Rabbit
 Target Name: Dlg4
 Sample Type: Mouse Brain Lysate
 Antibody Dilution: 1.0µg/ml

Host: Rabbit
 Target Name: DLG4
 Sample Tissue: Mouse Brain
 Antibody Dilution: 1ug/ml



Host: Rabbit
Target Name: Dlg4
Sample Type: Mouse Brain Lysate
Antibody Dilution: 1.0 μ g/ml

Host: Mouse
Target Name: DLG4
Sample Tissue: Mouse Brain
Antibody Dilution: 1 μ g/ml