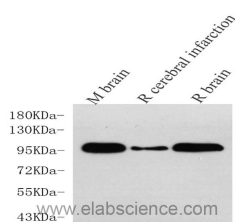


DLG4 Polyclonal Antibody

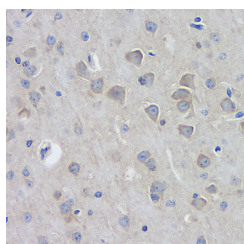
Catalog No.	E-AB-70135	Reactivity	M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

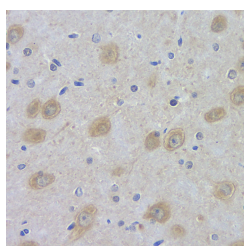
Images



Western Blot analysis of various samples using DLG4 Polyclonal Antibody at dilution of 1:750.



Immunohistochemistry analysis of paraffin-embedded mouse brain using DLG4 Polyclonal Antibody at dilution of 1:100.



Immunohistochemistry analysis of paraffin-embedded rat brain using DLG4 Polyclonal Antibody at dilution of 1:100.

Immunogen Information

Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse PSD95
Swissprot	Q62108,P31016
Synonyms	DLG4, PSD95, SAP-90, SAP90, Dlgh4, PSD-95, SAP90A, discs large homolog 4, discs large MAGUK scaffold protein 4

Product Information

Calculated MW	95kDa
Observed MW	95kDa
Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4
Purify	Affinity purification
Dilution	WB 1:500-1:1000, IHC 1:100-1:200

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.

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.