ARG64959
anti-PSD95 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes DLG4 / PSD95
Tested Reactivity	Rat
Predict Reactivity	Hu, Ms, Cow, Dog
Tested Application	WB
Specificity	This antibody is expected to recognize both reported isoforms (NP_001356.1; NP_001122299.1)
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	PSD95
Species	Human
Immunogen	C-EEQARKAFDRATK
Conjugation	Un-conjugated
Alternate Names	Postsynaptic density protein 95; SAP90; PSD-95; Synapse-associated protein 90; PSD95; SAP-90; Disks large homolog 4

Application Instructions

Application table

Application	Dilution
WB	0.3 - 1 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

	before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 29495 Rat Swiss-port # P31016 Rat
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. [provided by RefSeq, Jul 2008]
Research Area	Neuroscience antibody
Calculated Mw	80 kDa
PTM	Palmitoylation of isoform 1 is required for targeting to postsynaptic density.

Images

ARG64959 anti-DLG4 / PSD95 antibody WB image

Western Blot: Rat Brain lysate (35 µg protein in RIPA buffer) stained with ARG64959 anti-DLG4 / PSD95 antibody at 0.3 µg/ml dilution.