

Rabbit PSD95 Polyclonal Antibody | anti-PSD95 antibody

PSD95 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311959	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

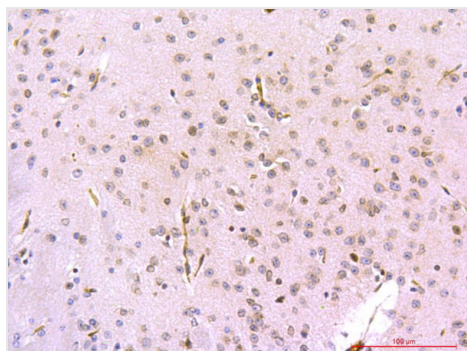
PRODUCT SYNONYMS

PSD95; Polyclonal Antibody; PSD95 Antibody; Discs large homolog 4 antibody; Disks large homolog 4 antibody; DLG 4 antibody; Dlg4 antibody; DLG4_HUMAN antibody; FLJ97752 antibody; FLJ98574 antibody; Human post synaptic density protein 95 antibody; Post synaptic density protein 95 antibody; Postsynaptic density protein 95 antibody; PSD 95 antibody; PSD-95 antibody; PSD95 antibody; SAP 90 antibody; SAP-90 antibody; SAP90 antibody; Synapse associated protein 90 antibody; Synapse-associated protein 90 antibody; Tax interaction protein 15 antibody; anti-PSD95 antibody

PRODUCT SPECIFICATIONS

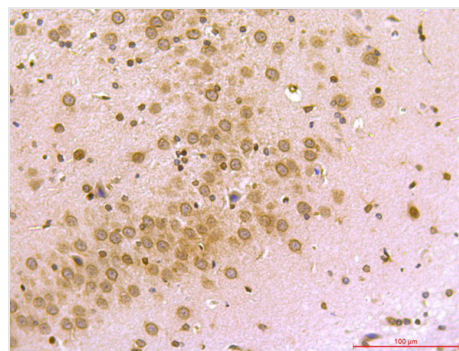
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-PSD95 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



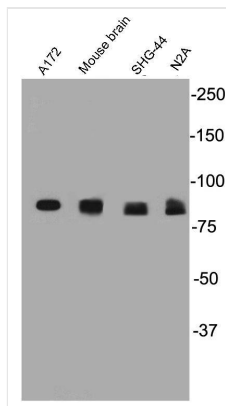
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti- PSD95 rabbit polyclonal antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti- PSD95 rabbit polyclonal antibody.



WB (Western Blot)
Western blot analysis on different cell lysates using anti- PSD95 rabbit polyclonal antibodies.

ADDITIONAL INFORMATION

Related Product Information for anti-PSD95 antibody	PSD-95 is a member of the membrane-associated guanylate kinase (MAGUK) family. With PSD-93 it is recruited into the same 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. PSD-95 is the best studied member of the MAGUK-family of PDZ domain-containing proteins. Like all MAGUK-family proteins, its basic structure includes three PDZ domains, an SH3 domain, and a guanylate kinase-like domain (GK) connected by disordered linker regions. It is almost exclusively located in the post synaptic density of neurons, and is involved in anchoring synaptic proteins. Its direct and indirect binding partners include neuroligin, NMDA receptors, AMPA receptors, and potassium channels. It plays an important role in synaptic plasticity and the stabilization of synaptic changes during long-term potentiation.
Product Categories/Family for anti-PSD95 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	192447426
NCBI GeneID	1742
NCBI Accession #	NP_001122299.1
NCBI GenBank Nucleotide #	NM_001128827.1
UniProt Accession #	P78352; Q92941; Q9UKK8; B7Z1S1; G5E939
Molecular Weight	724
NCBI Official Full Name	disks large homolog 4 isoform 2
NCBI Official Synonym Full Names	discs, large homolog 4 (Drosophila)
NCBI Official Symbol	DLG4
NCBI Official Synonym Symbols	PSD95; SAP90; SAP-90
NCBI Protein Information	disks large homolog 4; discs large homolog 4; Tax interaction protein 15; synapse-associated protein 90; postsynaptic density protein 95; post-synaptic density protein 95
UniProt Protein Name	Disks large homolog 4
UniProt Gene Name	DLG4
UniProt Synonym Gene Names	PSD95; PSD-95; SAP-90; SAP90
UniProt Entry Name	DLG4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/psd95-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/311959>