

Anti-DLG4 Antibody (7K534)

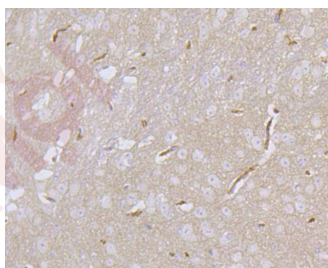
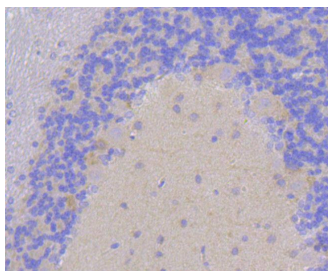
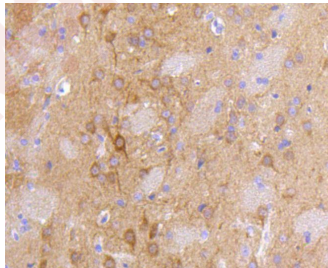
Product Details

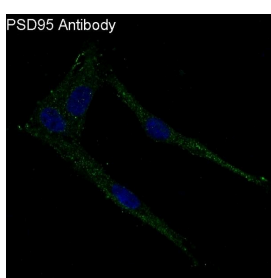
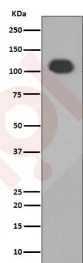
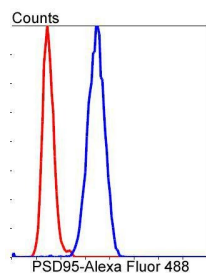
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 100 kDa.
Clone:	7K534
Purification:	Affinity-chromatography

Applications

Verified Activity:

1. Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-PSD95 antibody. Counter stained with hematoxylin.
2. Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue using anti-PSD95 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue using anti-PSD95 antibody. Counter stained with hematoxylin.
4. Flow cytometric analysis of SH-SY-5Y cells with PSD95 antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.
5. Western blot analysis of PSD95 expression in Mouse brain tissue lysate.
6. Immunofluorescent analysis of U87-MG cells, using PSD95 Antibody .





Application: FCM, ICC/IF, IHC, IP, WB

Recommended WB: 1:1000-2000 IHC: 1:100-200; ICC/IF: 1:50-200; IP: 1:20-50; FCM: 1:20-100

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: A synthesized peptide: human Disks large homolog 4

Antigen Species: Human

Uniprot ID: P78352

Synonyms: PSD95; Synapse-associated protein 90 (SAP-90); Postsynaptic density protein 95 (PSD-95); PSD 95; Disks large homolog 4; SAP90

Research Background

Interacts with the cytoplasmic tail of NMDA receptor subunits and shaker-type potassium channels. Required for synaptic plasticity associated with NMDA receptor signaling. Overexpression or depletion of DLG4 changes the ratio of excitatory to inhibitory synapses in hippocampal neurons.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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