



# PSD95 (phospho-Ser295) rabbit pAb

Cat No.:ES13885

For research use only

## Overview

<b>Product Name</b>	PSD95 (phospho-Ser295) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB; ELISA;IHC
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
<b>Immunogen</b>	Synthesized phospho peptide around human PSD95 (Ser295)
<b>Specificity</b>	This antibody detects endogenous levels of Human Mouse Rat PSD95 (phospho-Ser295)
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	PSD95 (Ser295)
<b>Gene Name</b>	DLG4 PSD95
<b>Cellular localization</b>	Cell membrane ; Lipid-anchor ; Cytoplasmic side . Cell junction, synapse, postsynaptic density . Cell junction, synapse . Cytoplasm . Cell projection, axon . Cell projection, dendritic spine . Cell projection, dendrite . Cell junction, synapse, presynapse
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	95kD
<b>Human Gene ID</b>	1742
<b>Human Swiss-Prot Number</b>	P78352
<b>Alternative Names</b>	Disks large homolog 4 (Postsynaptic density protein 95) (PSD-95) (Synapse-associated protein 90) (SAP-90) (SAP90)
<b>Background</b>	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],

Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

