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**Product Name: PSD93 Rabbit Polyclonal Antibody****Catalog #: APRab00287**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,FC,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification</b>	Affinity Chromatography

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,FC 1:50-1:100,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 98 kDa; Observed MW: 110 kDa

**Antigen Information**

<b>Gene Name</b>	DLG2
<b>Alternative Names</b>	DLG2; Disks large homolog 2; Channel-associated protein of synapse-110; Chapsyn-110; Postsynaptic density protein PSD-93
<b>Gene ID</b>	1740
<b>SwissProt ID</b>	Q15700
<b>Immunogen</b>	A synthetic peptide of human PSD93

**Background**

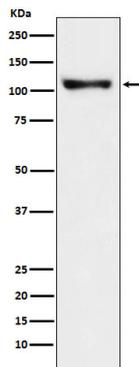
Required for perception of chronic pain through NMDA receptor signaling. Regulates surface expression of NMDA receptors in

dorsal horn neurons of the spinal cord. Interacts with the cytoplasmic tail of NMDA receptor subunits as well as inward rectifying potassium channels.

## Research Area

Neuroscience

## Image Data



Western blot analysis of PSD93 in SH-SY5Y lysates using PSD93 antibody.