

Datasheet for ABIN361381
anti-DLG4 antibody (N-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	DLG4
Binding Specificity:	N-Term
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DLG4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide corresponding to amino acid residues from the N-terminal region conjugated to KLH
Specificity:	Specific for ~95k PSD-95 protein.
Cross-Reactivity:	Mouse (Murine), Rat (Rattus)
Predicted Reactivity:	bovine, human, non-human primate, zebra fish
Purification:	Antigen Affinity Purified from Pooled Serum

Target Details

Target:	DLG4
Alternative Name:	DLG4 (DLG4 Products)

Target Details

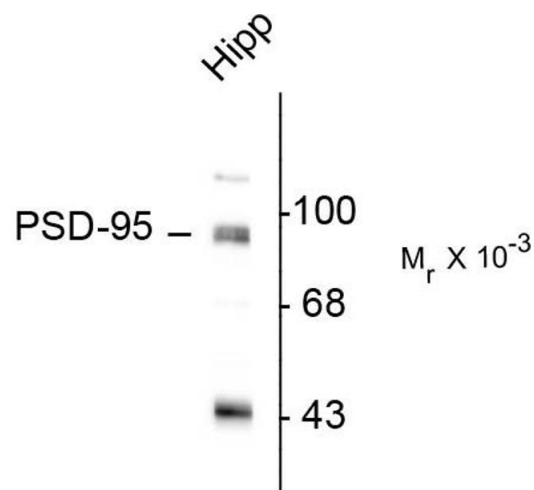
Background:	PSD-95 is a very prominent component of the postsynaptic densities of synapses. It contains three PDZ domains which play key roles in its interactions with other proteins in the synapse. It has been proposed that these PDZ domains organize glutamate receptors and their associated signaling proteins and determine the size and strength of synapses (Kim and Sheng, 2004). Recent work suggests that interaction of the NMDAR with PSD-95 via these PDZ domains can be regulated by phosphorylation (Chung et al., 2004). Anti-PSD-95 Western blot of rat hippocampal (Hipp) lysate showing specific immunolabeling of the ~95k PSD-95 protein.
Molecular Weight:	95 kDa
Gene ID:	29495
UniProt:	P31016
Pathways:	Regulation of Muscle Cell Differentiation , Synaptic Membrane , Skeletal Muscle Fiber Development , Asymmetric Protein Localization , Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	Recommended Dilution: WB: 1:1000 Quality Control: Western blots performed on each lot.
Restrictions:	For Research Use only

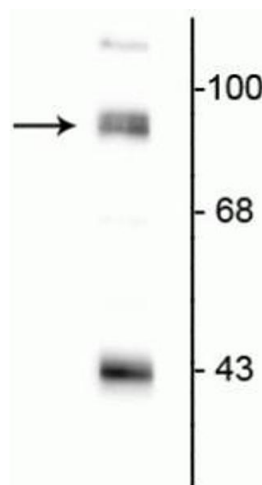
Handling

Format:	Liquid
Buffer:	100 µL in 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50 % glycerol.
Storage:	-20 °C



Western Blotting

Image 1. Western blots of rat hippocampal (Hipp) lysate showing specific immunolabeling of the ~95k PSD-95 protein.



Western Blotting

Image 2. Western blot of rat hippocampal lysate showing specific immunolabeling of the ~95 kDa PSD-95 protein.