

Datasheet for ABIN570971

anti-DLG4 antibody (Internal Region)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	DLG4
Binding Specificity:	Internal Region
Reactivity:	Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This DLG4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	DLG4 / PSD95
Immunogen:	C-EEQARKAFDRATK
Sequence:	EEQARKAFDR ATK
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_001356.1, NP_001122299.1)
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	DLG4
Alternative Name:	DLG4 (DLG4 Products)
Background:	DLG4, discs, large homolog 4 (Drosophila), FLJ97752, FLJ98574, PSD95, SAP90, Tax interaction protein 15, discs large homolog 4, post-synaptic density protein 95, synapse-associated protein 90
Gene ID:	1742, 13385, 29495
NCBI Accession:	NP_001356 , NP_001122299
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:	Western Blot: Approx 110 kDa band observed in Rat Brain lysates (calculated MW of 80.5 kDa according to Rat NP_062567.1).The observed molecular weight corresponds to earlier findings in literature with different antibodies (Chaudhury et al, , Am J Physiol Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN570971 (0.3 µg/mL) staining of Rat Brain lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



Western Blotting

Image 2. ABIN570971 (0.3µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.