

Datasheet for ABIN600110 **anti-DLG4 antibody (Fusion Domain)**



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Overview

Quantity:	100 µg
Target:	DLG4
Binding Specificity:	Fusion Domain
Reactivity:	Rat, Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DLG4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein corresponding to a fusion domain of human PSD95/SAP90 proteins. Type of Immunogen: Recombinant protein
Isotype:	IgG
Specificity:	Recognizes human pan-MAGUK. Species cross-reactivity: rat. Species sequence homology: mouse, 100 % . Exhibits cross reactivity against recombinant Chapsyn-110, SAP97, and SAP102. (UC Davis/NIH NeuroMab Facility, http://neuromab.ucdavis.edu).
Purification:	Protein G purified

Target Details

Target:	DLG4
Alternative Name:	DLG4 / PSD95 (DLG4 Products)
Background:	Name/Gene ID: DLG4 Family: MAGUK Synonyms: DLG4, Disks large homolog 4, Presynaptic density protein 95, PSD95, SAP-90, Synapse-associated protein 90, PSD-95, SAP90, Tax interaction protein 15, Discs large homolog 4
Gene ID:	1742
UniProt:	P78352
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:	Approved: IHC, IHC-P (1:500), IP, WB (1 µg/mL) Usage: Suitable for use in Western Blot, Immunoprecipitation and Immunohistochemistry. Western Blot: 1 µg/mL detects members of the MAGUK protein family on 10 µg of rat brain tissue lysate. Immunohistochemistry (paraffin): 1:500 detects the MAGUK family of proteins in rat cerebellum and rat hypothalamus tissues.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Tris-glycine, pH 7.4, 150 mM sodium chloride, 0.05 % sodium azide
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

Handling Advice:	Aliquot to Avoid repeated freezing and thawing.
Storage:	4 °C,-20 °C
Storage Comment:	May be stored at 4°C for short-term only. Aliquot to avoid freeze-thaw cycles. Store at -20°C. Aliquots are stable for at least 1 year.