Datasheet for ABIN744983

anti-DLG2 antibody (pTyr340)

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Overview

Quantity:	100 µL
Target:	DLG2
Binding Specificity:	pTyr340
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DLG2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human PSD93 around the phosphorylation site of Tyr340
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	DLG2

Target Details

Alternative Name:	PSD93 (DLG2 Products)
Background:	Synonyms: Channel associated protein of synapse 110, Channel associated protein of synapses 110kD, Channel-associated protein of synapse-110, Chapsyn 110, Chapsyn-110, Chapsyn110, discs large homolog 2, Discs, large homolog 2 Drosophila, Disks large homolog 2, DKFZp781D1854, DKFZp781E0954, Dlg 2, dlg2, DLG2_HUMAN, Dlgh 2, Dlgh2, FLJ37266, Gm1197, MGC131811, Postsynaptic density protein PSD 93, Postsynaptic density protein PSD-93, Postsynaptic density protein PSD93, PSD 93, PSD93. Background: PSD 93 is believed to participate in the clustering of certain proteins, including N-methyl-D-aspartate (NMDA) receptors and shaker-type potassium channels at the synaptic membrane. There are two principal modes of interaction between PSD 93 and other proteins. NMDA receptors and shaker-type potassium channels both share C-terminal sequence homology consisting of a threonine/serine-X-valine-COOH (T/SXV) motif. Other neuronal proteins that share this motif (beta 1 adrenergic receptor, some serotonin receptors, some sodium channel subunits, and additional potassium channel subunits) may interact with PSD 93 by binding to its PDZ domains. Neuronal nitric oxide synthase (nNOS), which lacks the T/SXV motif but which has its own PDZ domain, has been shown to associate with PSD 93 in vitro through a pseudo-homotypic PDZ-PDZ interaction.
Gene ID:	1740

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

