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Datasheet for ABIN879526

anti-DLG2 antibody (pTyr340) (AbBy Fluor® 647)



Overview	
Quantity:	100 μL
Target:	DLG2
Binding Specificity:	pTyr340
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DLG2 antibody is conjugated to AbBy Fluor® 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))
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:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
	Liquid
Handling Format: Concentration:	Liquid 1 μg/μL
Format: Concentration:	
Format:	1 μg/μL
Format: Concentration:	1 μg/μL Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and

Handling

	handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months