

Datasheet for ABIN745005

anti-DLG4 antibody (pTyr236, pTyr240) (FITC)



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Overview

Quantity:	100 µL
Target:	DLG4
Binding Specificity:	pTyr236, pTyr240
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DLG4 antibody is conjugated to FITC
Application:	Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human PSD95 around the phosphorylation site of Tyr236/Tyr240
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DLG4
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Target Details

Alternative Name:	PSD95 + (DLG4 Products)
Background:	Synonyms: Discs large homolog 4, DLG 4, DLG4, Human post-synaptic density protein 95 , Postsynaptic density protein 95, PSD 95, PSD-95, SAP 90, SAP90, Synapse associated protein 90. Background: postsynaptic density protein 95 is a molecular scaffolding protein that binds and clusters N-methyl-D-aspartate receptors at neuronal synapses, may be involved in guanine nucleotide-mediated signal transduction pathway. This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) family. It heteromultimerizes with DLG2. With DLG2 it is recruited into the same NMDA receptor and potassium channel clusters. These two MAGUK proteins may interact at postsynaptic sites to form a multimeric scaffold for the clustering of receptors, ion channels, and associated signaling proteins.
Gene ID:	1742
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:	FCM 1:20-100 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:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C

Handling

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