



GRIP1 Polyclonal Antibody

Catalog No	YP-Ab-06613
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	GRIP1
Immunogen	Synthesized peptide derived from human protein . at AA range: 830-910
Specificity	GRIP1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GRIP;GRIP1;Glutamate receptor-interacting protein 1 (GRIP-1)
Observed Band	130-135 kDa
Calculated Molecular Weight	1128 aa, 122 kDa
Cell Pathway	Cytoplasmic vesicle . Perikaryon . Cell projection, dendrite . Cytoplasm . Endomembrane system ; Peripheral membrane protein . Cell junction, synapse, postsynaptic cell membrane . Cell junction, synapse, postsynaptic density . Endoplasmic reticulum membrane ; Peripheral membrane protein . Membrane-associated with vesicles, peri-Golgi complexes and endoplasmic reticulum. Enriched in postsynaptic plasma membrane and postsynaptic densities. .
Tissue Specificity	Fetal brain,PCR rescued clones,
Function	domain:PDZ 6 mediates interaction with the PDZ recognition motif of EFNB1 and EPHB2 and with the C-terminus of PPFIA1 and PPFIA4. PDZ 4 and PDZ 5 mediate interaction with the C-terminus of GRIA2 and GRIA3. PDZ 4, PDZ 5 and PDZ 6 mediate homomultimers. PDZ 7 mediates interaction with PDZ domain of GRASP1. PDZ 7 domain binds CSPG4. PDZ 6 mediates interaction with the C-terminus of liprins-alpha. PDZ 1, PDZ 2 and PDZ 3 mediate interaction with the PDZ-binding motif of FRAS1 (By similarity). PDZ 4 and PDZ 5 mediate interaction with PRLHR.,function:May play a role as a localized



scaffold for the assembly of a multiprotein signaling complex and as mediator of the trafficking of its binding partners at specific subcellular location in neurons., similarity:Contains 7 PDZ (DHR) domains.,subcellular location:Cytoplasmic and membrane-associated with vesicles, peri-Golgi complexes and endoplasmic ret

Background

glutamate receptor interacting protein 1(GRIP1) Homo sapiens This gene encodes a member of the glutamate receptor interacting protein family. The encoded scaffold protein binds to and mediates the trafficking and membrane organization of a number of transmembrane proteins. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, May 2010],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images