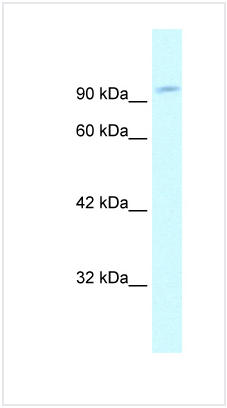
GRIP1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GRIP1, Polyclonal Antibody
Full Product Name	GRIP1 antibody
Product Gene Name	anti-GRIP1 antibody
Product Synonym Names	Polyclonal GRIP1; Anti-GRIP1; GRIP1; glutamate receptor interacting protein 1; GRIP 1; GRIP-1
Clonality	Polyclonal
Host	Rabbit
Form/Format	Lyophilized powder. Add 100 ul of distilled water. Final antibody concentration is 1 mg/ml in PBS buffer.
Concentration	1 mg/ml (lot specific)
Preparation and Storage	Store at 4 degree C, following reconstitution, aliquot and store at -20 degree C. Avoid repeated freeze-thaw cycles.
Molecular Weight	116,371 Da
OMIM	219000
3D Structure	ModBase 3D Structure for Q9Y3R0
Cross-Reactivity	Human, Mouse, Rat
Immunogen	GRIP1 antibody was raised in rabbit using the N terminal of GRIP1 as the immunogen
Product Categories/Family for anti-GRIP1 antibody	Immunology
Applications Tested/Suitable for anti-GRIP1 antibody	Western Blot (WB)
Application Notes for anti-GRIP1 antibody	WB: 1.25 ug/ml
Related Product Information for anti-GRIP1 antibody	MBS833807 is an antibody targeting GRIP1. Also known as GRIP1 antibody. Host: Rabbit. Rabbit polyclonal GRIP1 antibody
Other Notes	Small volumes of anti-GRIP1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot of anti-GRIP1 antibody
Western Blot analysis using GRIP1 antibodyGRIP1 antibody used at 0.2-1 ug/ml to detect target protein.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GRIP1. It may not necessarily be applicable to this product.

NCBI GI #	51471092
NCBI GeneID	23426
NCBI Accession #	XP_290559
UniProt Primary Accession #	Q9Y3R0
UniProt Secondary Accession #	Q1RLM0; C9JT59
UniProt Related Accession #	Q9Y3R0
GenBank Nucleotide #	XM_290559.6
NCBI Official Synonym Full Names	glutamate receptor interacting protein 1
NCBI Official Symbol	GRIP1
NCBI Official Synonym Symbols	GRIP
UniProt Protein Name	Glutamate receptor-interacting protein 1
Protein Family	Glutamate receptor-interacting protein
UniProt Gene Name	GRIP1
UniProt Synonym Gene Names	GRIP-1
UniProt Entry Name	GRIP1_HUMAN
NCBI Protein Information	glutamate receptor-interacting protein 1
NCBI Summary for GRIP1	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]

UniProt Comments for GRIP1	GRIP1: a scaffold protein for the assembly of a multiprotein signaling complex and as mediator of the trafficking of its binding partners at specific locations in neurons. Interacts with EphA7, EphB2, KIF5A, -B, -C, GluR2, -3, GRIPAP1, liprin A1, PPFIA4, FRAS1, and PTPRF. Protein type: Adaptor/scaffold Chromosomal Location of Human Ortholog: 12q14.3 Cellular Component: postsynaptic membrane; recycling endosome; neuron projection; endoplasmic reticulum; dendrite; cytoplasmic membrane-bound vesicle; plasma membrane; cytosol; cell junction; lipid raft Molecular Function: protein C-terminus binding; protein binding; receptor signaling complex scaffold activity; androgen receptor binding; transcription coactivator activity; beta-catenin binding; glucocorticoid receptor binding Biological Process: synaptic transmission; protein localization; positive regulation of transcription, DNA-dependent; androgen receptor signaling pathway; dendrite development Disease: Fraser Syndrome
Research Articles on GRIP1	**1.** the Trip6-GRIP1-myosin VI interaction and its regulation on F-actin network play a significant role in dendritic morphogenesis
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