

Rabbit GRIP1 Polyclonal Antibody | anti-GRIP1 antibody

GRIP1 Antibody

CATALOG # AAA40789	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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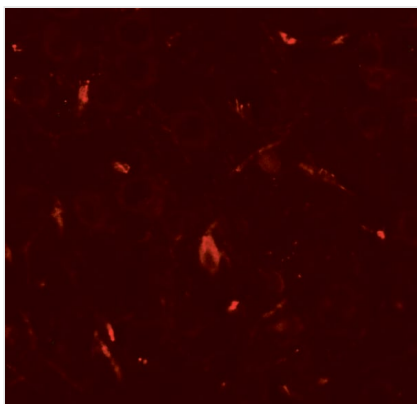
PRODUCT SYNONYMS

GRIP1; Polyclonal Antibody; GRIP1 Antibody; GRIP; Glutamate receptor-interacting protein 1; GRIP-1; glutamate receptor interacting protein 1; anti-GRIP1 antibody

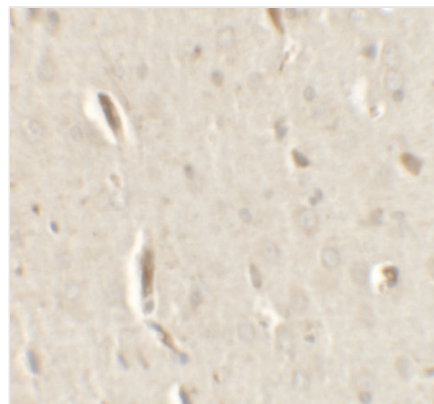
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	GRIP1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1076
Applicable Applications for anti-GRIP1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Rabbit polyclonal GRIP1 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human GRIP1.
Buffer	GRIP1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	GRIP1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

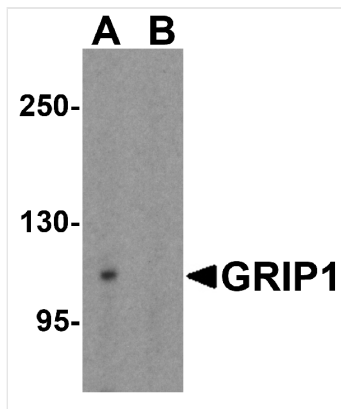
IMAGES


IF (Immunofluorescence)

Immunofluorescence of GRIP1 in rat brain tissue with GRIP1 antibody at 20 &#956;g/ml.


IHC (Immunohistochemistry)

Immunohistochemistry of GRIP1 in rat brain tissue with GRIP1 antibody at 2.5 &#956;g/ml.



WB (Western Blot)

Western blot analysis of GRIP1 in 293 cell lysate with GRIP1 antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GRIP1 antibody

GRIP1 Antibody: Glutamate receptors play an important role in neural plasticity, development and degeneration. The glutamate receptor interacting proteins, GRIP1 and GRIP2, members of the PDZ domain-containing protein family, mediate the trafficking and membrane organization of a number of transmembrane proteins. GRIP1 and GRIP2 specifically bind to the AMPA receptor subunits, GluR 2/3 and are involved in the targeting of GluR 2/3 to the synapse. GRIP1 is expressed in early development before the expression of AMPA receptors, while GRIP2 expression parallels that of AMPA receptors during later developmental stages. GRIP1 and GRIP2 may be involved in the induction of cerebellar long-term depression (LTD).

NCBI AND UNIPROT INFORMATION

NCBI GI #	223890252
NCBI GeneID	23426
NCBI Accession #	NP_066973
NCBI GenBank Nucleotide #	NM_021150.3
UniProt Accession #	Q9Y3R0; Q1RLM0; C9JT59
Molecular Weight	Predicted: 118 kDa
NCBI Official Full Name	glutamate receptor-interacting protein 1 isoform 1
NCBI Official Synonym Full Names	glutamate receptor interacting protein 1
NCBI Official Symbol	GRIP1
NCBI Official Synonym Symbols	GRIP
NCBI Protein Information	glutamate receptor-interacting protein 1
UniProt Protein Name	Glutamate receptor-interacting protein 1
UniProt Gene Name	GRIP1
UniProt Synonym Gene Names	GRIP-1
UniProt Entry Name	GRIP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/grip1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40789>