

## Product datasheet for **TA319860**

### GRIP1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Rabbit polyclonal GRIP1 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human GRIP1.
Formulation:	GRIP1 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	GRIP1 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	118 kDa
Gene Name:	glutamate receptor interacting protein 1
Database Link:	<a href="#">NP_066973</a> <a href="#">Entrez Gene 74053 MouseEntrez Gene 84016 RatEntrez Gene 23426 Human Q9Y3R0</a>

**Background:** 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).

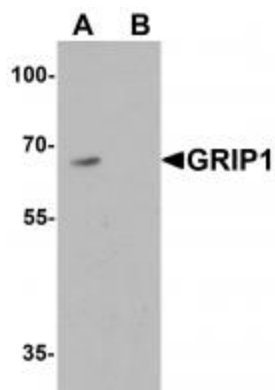


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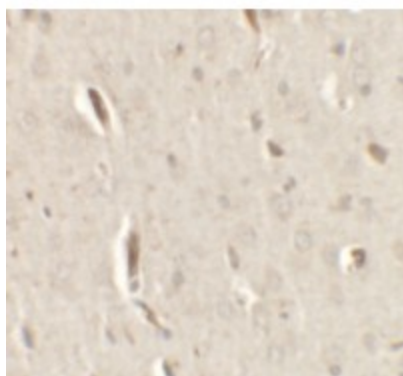
Synonyms: GRIP

Protein Families: Druggable Genome

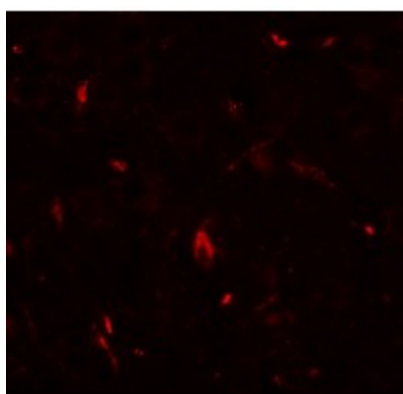
### Product images:



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



Immunohistochemistry of GRIP1 in rat brain tissue with GRIP1 antibody at 2.5 ug/mL.



Immunofluorescence of GRIP1 in rat brain tissue with GRIP1 antibody at 20 ug/mL.