

**GRIP1 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP56216****Specification**

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**GRIP1 Polyclonal Antibody - Product Information**

Application	IHC-P
Primary Accession	<a href="#">O9Y3R0</a>
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	122422

**GRIP1 Polyclonal Antibody - Additional Information****Gene ID** 23426**Other Names**

Glutamate receptor-interacting protein 1, GRIP-1, GRIP1

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**GRIP1 Polyclonal Antibody - Protein Information****Name** GRIP1**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 (PubMed:<a href="http://www.uniprot.org/citations/10197531" target="\_blank">10197531</a>). Through complex formation with NSG1, GRIA2 and STX12 controls the intracellular fate of AMPAR and the endosomal sorting of the GRIA2 subunit toward recycling and membrane targeting (By similarity).

**Cellular Location**

Cytoplasmic vesicle. Perikaryon {ECO:0000250|UniProtKB:P97879}. Cell projection, dendrite {ECO:0000250|UniProtKB:P97879}. Cytoplasm {ECO:0000250|UniProtKB:P97879}. Endomembrane system {ECO:0000250|UniProtKB:P97879}; Peripheral membrane protein {ECO:0000250|UniProtKB:P97879}. Postsynaptic cell membrane {ECO:0000250|UniProtKB:P97879}. Postsynaptic density {ECO:0000250|UniProtKB:P97879}. Endoplasmic reticulum membrane; Peripheral membrane protein {ECO:0000250|UniProtKB:P97879}. Note=Membrane-associated with vesicles, peri-Golgi complexes and endoplasmic reticulum. Enriched in postsynaptic plasma membrane and

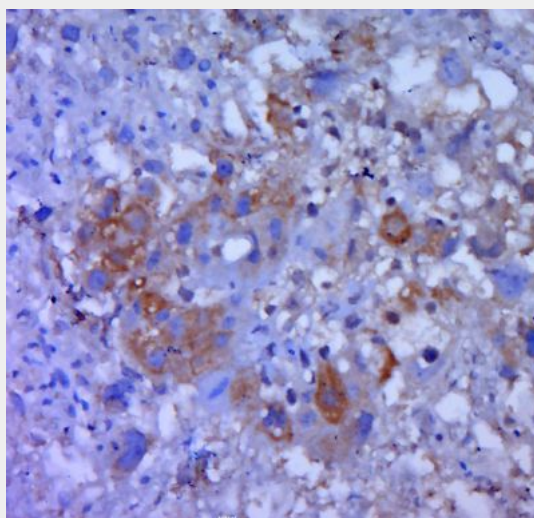
postsynaptic densities {ECO:0000250|UniProtKB:P97879}

### **GRIP1 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **GRIP1 Polyclonal Antibody - Images**



Paraformaldehyde-fixed, paraffin embedded (mouse placenta tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GRIP1) Polyclonal Antibody, Unconjugated (bs-16316R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0024) for 20 minutes and DAB staining.