

GRASP1 / GRIPAP1 Antibody (N-Term)
Peptide-affinity purified goat antibody
Catalog # AF2408a**Specification**

GRASP1 / GRIPAP1 Antibody (N-Term) - Product Information

Application	E
Primary Accession	Q4V328
Other Accession	NP_064522.3 , NP_997555.1 , 56850
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	96006

GRASP1 / GRIPAP1 Antibody (N-Term) - Additional Information**Gene ID** 56850**Other Names**

GRIP1-associated protein 1, GRASP-1, GRIPAP1, KIAA1167

Dilution

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GRASP1 / GRIPAP1 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

GRASP1 / GRIPAP1 Antibody (N-Term) - Protein Information**Name** GRIPAP1 ([HGNC:18706](#))**Synonyms** KIAA1167**Function**

Regulates the endosomal recycling back to the neuronal plasma membrane, possibly by connecting early and late recycling endosomal domains and promoting segregation of recycling endosomes from early endosomal membranes. Involved in the localization of recycling endosomes

to dendritic spines, thereby playing a role in the maintenance of dendritic spine morphology. Required for the activity- induced AMPA receptor recycling to dendrite membranes and for long-term potentiation and synaptic plasticity (By similarity).

Cellular Location

Early endosome membrane; Peripheral membrane protein. Recycling endosome membrane {ECO:0000250|UniProtKB:Q9JHZ4}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q9JHZ4}. Cell projection, axon {ECO:0000250|UniProtKB:Q9JHZ4}. Cell projection, dendrite {ECO:0000250|UniProtKB:Q9JHZ4}. Synapse {ECO:0000250|UniProtKB:Q9JHZ4} Note=Localizes to recycling endosomal tubules that are emanating from early endosomes. {ECO:0000250|UniProtKB:Q9JHZ4}

GRASP1 / GRIPAP1 Antibody (N-Term) - 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](#)

GRASP1 / GRIPAP1 Antibody (N-Term) - Images**GRASP1 / GRIPAP1 Antibody (N-Term) - Background**

This antibody is expected to recognize both reported isoforms (as represented by NP_064522.3; NP_997555.1)

GRASP1 / GRIPAP1 Antibody (N-Term) - References

GRASP-1: a neuronal RasGEF associated with the AMPA receptor/GRIP complex. Ye B, Liao D, Zhang X, Zhang P, Dong H, Huganir RL. Neuron. 2000 Jun;26(3):603-17. PMID: 10896157