

GRIPAP1 / GRASP1 Antibody (N-Terminus)
Goat Polyclonal Antibody
Catalog # ALS14943**Specification**

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

Application	IHC
Primary Accession	Q4V328
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	96kDa KDa

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

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

Target/Specificity

Human GRIPAP1 / GRASP1. This antibody is expected to recognize both reported isoforms (as represented by NP_064522.3; NP_997555.1)

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

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

GRIPAP1 / GRASP1 Antibody (N-Terminus) - 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

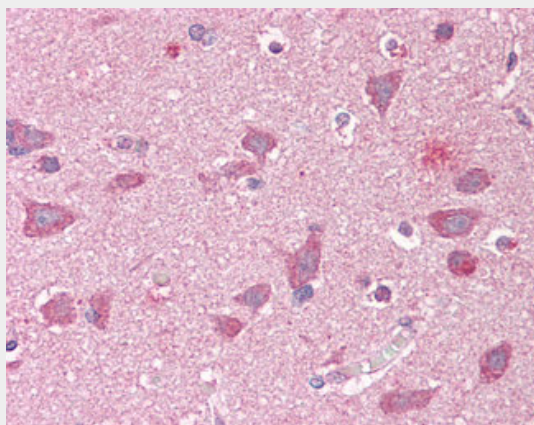
{ECO:0000250|UniProtKB:Q9JHZ4}. Cell projection, axon {ECO:0000250|UniProtKB:Q9JHZ4}. Cell projection, dendrite {ECO:0000250|UniProtKB:Q9JHZ4}. Synapse {ECO:0000250|UniProtKB:Q9JHZ4} Note=Localizes to recycling endosomal tubules that are emanating from early endosomes. {ECO:0000250|UniProtKB:Q9JHZ4}

GRIPAP1 / GRASP1 Antibody (N-Terminus) - Protocols

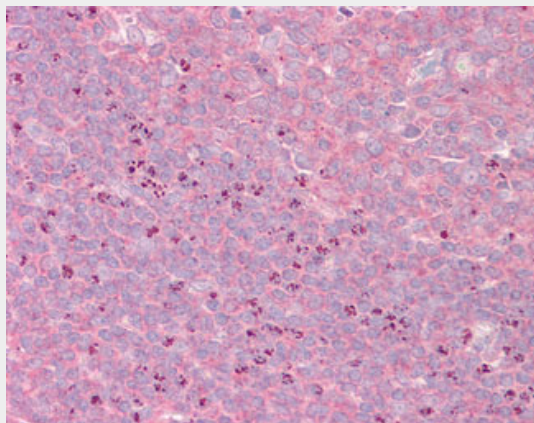
Provided below are standard protocols that you may find useful for product applications.

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

GRIPAP1 / GRASP1 Antibody (N-Terminus) - Images



Anti-GRIPAP1 / GRASP1 antibody IHC of human brain, cortex.



Anti-GRIPAP1 / GRASP1 antibody IHC of human tonsil.

GRIPAP1 / GRASP1 Antibody (N-Terminus) - References

Bechtel S., et al. BMC Genomics 8:399-399(2007).

Ross M.T.,et al.Nature 434:325-337(2005).
Hirosawa M.,et al.DNA Res. 6:329-336(1999).
Lubec G.,et al.Submitted (DEC-2008) to UniProtKB.
Holt L.J.,et al.Nucleic Acids Res. 28:72-72(2000).