

GRIPAP1 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14105

Product Information

Application	WB
Primary Accession	Q4V328
Other Accession	NM_020137 , NP_064522
Reactivity	Human, Pig, Bovine
Predicted	Human, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	96006

Additional Information

Gene ID	56850
Alias Symbol Other Names	DKFZp434P0630, GRASP-1, KIAA1167, MGC126593, MGC126595 GRIP1-associated protein 1, GRASP-1, GRIPAP1, KIAA1167
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-GRIPAP1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	GRIPAP1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

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).

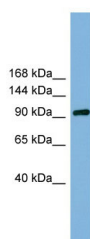
Cellular Location

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}

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).

Images



WB Suggested Anti-GRIPAP1 Antibody Titration: 0.2-1
µg/ml
Positive Control: Hela cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.