

Dennd1a antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14131**Specification**

Dennd1a antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q8K382
Other Accession	NM_146122 , NP_666234
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	111kDa KDa

Dennd1a antibody - C-terminal region - Additional Information**Gene ID** 227801**Alias Symbol** 6030446I19Rik, MGC38995, connecdenn
Other Names
DENN domain-containing protein 1A, Connecdenn 1, Connecdenn, Dennd1a**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-Dennd1a 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

Dennd1a antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Dennd1a antibody - C-terminal region - Protein Information**Name** Dennd1a**Function**

Guanine nucleotide exchange factor (GEF) regulating clathrin- mediated endocytosis through RAB35 activation. Promotes the exchange of GDP to GTP, converting inactive GDP-bound RAB35 into its active GTP- bound form. Regulates clathrin-mediated endocytosis of synaptic vesicles and mediates exit from early endosomes (PubMed:17182770, PubMed:20159556). Binds phosphatidylinositol-phosphates (PtdInsPs), with some preference for PtdIns(3)P (PubMed:17182770).

href="http://www.uniprot.org/citations/20159556" target="_blank">20159556).

Cellular Location

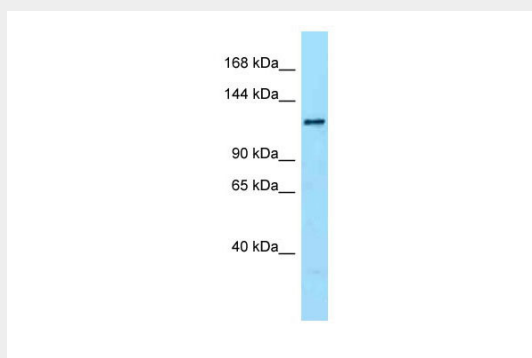
Cytoplasmic vesicle, clathrin-coated vesicle membrane; Peripheral membrane protein. Presynaptic cell membrane. Note=Associates to membranes via lipid- binding activity.

Dennd1a antibody - C-terminal region - 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](#)

Dennd1a antibody - C-terminal region - Images



WB Suggested Anti-Dennd1a Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Heart

Dennd1a antibody - C-terminal region - References

Allaire P.D.,et al.J. Neurosci. 26:13202-13212(2006).
Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009).
Trost M.,et al.Immunity 30:143-154(2009).