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Dennd1a antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14131

Product Information

Application	WB
Primary Accession	Q8K382
Other Accession	NM_146122, NP_666234
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	111538

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.

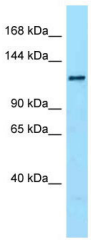
Protein Information

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:20159556).
Cellular Location	Cytoplasmic vesicle, clathrin-coated vesicle membrane; Peripheral membrane protein. Presynaptic cell membrane. Note=Associates to membranes via lipid-binding activity.

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).

Images



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

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