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DEN1A Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9919b

Product Information

Application	IHC-P, FC, WB, E
Primary Accession	Q8TEH3
Other Accession	Q8K382
Reactivity	Human, Mouse
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB25211
Calculated MW	110577
Antigen Region	576-605

Additional Information

Gene ID	57706
Other Names	DENN domain-containing protein 1A, Connecdenn 1, Connecdenn, Protein FAM31A, DENND1A, FAM31A, KIAA1608
Target/Specificity	This DEN1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 576-605 amino acids from the C-terminal region of human DEN1A.
Dilution	IHC-P~~1:100~500 FC~~1:10~50 WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	DEN1A Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	DENND1A (HGNC:29324)
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:20154091, PubMed:20937701). Binds phosphatidylinositol-phosphates (PtdInsPs), with some preference for PtdIns(3)P (By similarity).

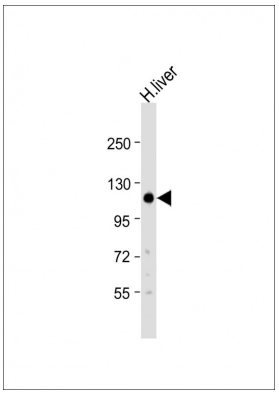
Cellular Location

Cytoplasmic vesicle, clathrin-coated vesicle membrane; Peripheral membrane protein. Presynaptic cell membrane. Note=Associates to membranes via lipid-binding activity. {ECO:0000250|UniProtKB:Q8K382}

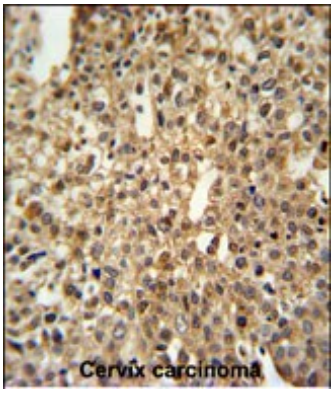
References

Allaire, P.D., et al. J. Neurosci. 26(51):13202-13212(2006)
Olsen, J.V., et al. Cell 127(3):635-648(2006)

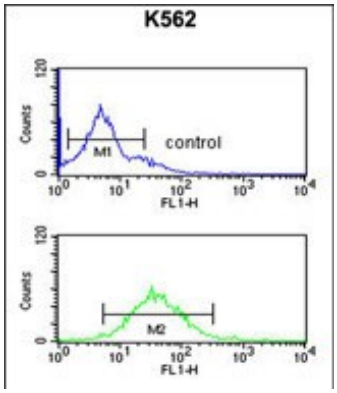
Images



Anti-DEN1A Antibody (C-term) at 1:500 dilution + human liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 111 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



DEN1A Antibody (C-term) (Cat. #AP9919b) IHC analysis in formalin fixed and paraffin embedded human cervix carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the DEN1A Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



DEN1A Antibody (C-term) (Cat. #AP9919b) flow cytometric analysis of K562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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