

**DEN1A Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP9919b****Specification**

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**DEN1A Antibody (C-term) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC-P, FC,E        |
| Primary Accession | <a href="#">Q8TEH3</a> |
| Other Accession   | <a href="#">Q8K382</a> |
| Reactivity        | Human                  |
| Predicted         | Mouse                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Isotype           | Rabbit IgG             |
| Antigen Region    | 576-605                |

**DEN1A Antibody (C-term) - 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**WB~~1:500  
IHC-P~~1:50~100  
FC~~1:10~50**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.

**DEN1A Antibody (C-term) - 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

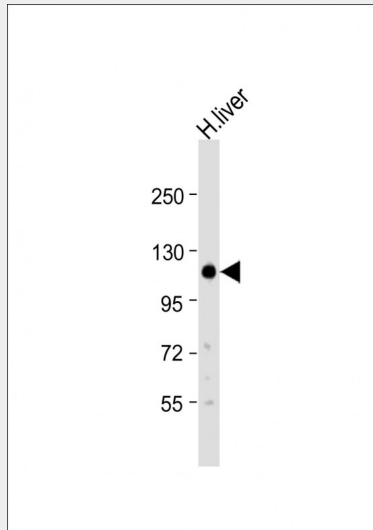
Cytoplasmic vesicle, clathrin-coated vesicle membrane; Peripheral membrane protein. Presynaptic cell membrane. Note=Associates to membranes via lipid-binding activity.  
{ECO:0000250|UniProtKB:Q8K382}

#### DEN1A Antibody (C-term) - Protocols

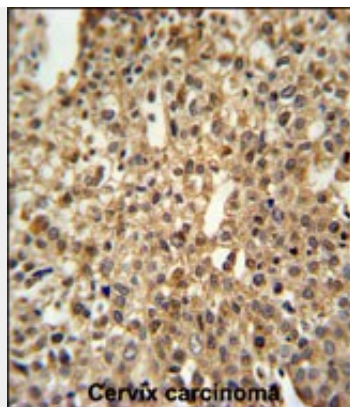
Provided below are standard protocols that you may find useful for product applications.

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

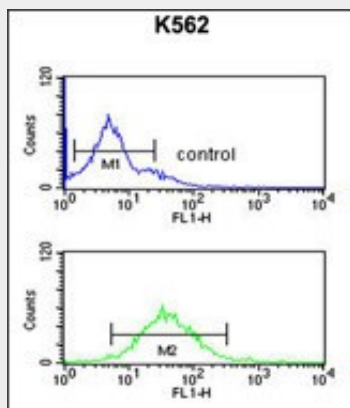
#### DEN1A Antibody (C-term) - Images



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.

#### **DEN1A Antibody (C-term) - References**

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