



Rabbit Anti-DENND1C antibody

SL14270R

Product Name DENND1C**Chinese Name** DENND1C 蛋白抗体**Alias** Connecdenn 3; DEN1C_HUMAN; DENN domain-containing protein 1C; Dennd1c; FAM31C; FLJ22757; Protein FAM31C.**Research Area** Cell biology Signal transduction Cytoskeleton G protein signal**Immunogen Species** Rabbit**Clonality** Polyclonal**React Species** (predicted: Human, Mouse, Rat, Dog, Pig, Cow, Sheep,)
IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
(Paraffin sections need antigen repair)
Applications not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.**Theoretical molecular weight** 87kDa**Cellular localization** cytoplasmic**Form** Liquid**Concentration** 1mg/ml**immunogen** KLH conjugated synthetic peptide derived from human DENND1C: 401-500/801**Lsotype** IgG**Purification** affinity purified by Protein A**Buffer Solution** 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.**Storage** Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.**Attention** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.**PubMed** [PubMed](#)**Product** Clathrin (see MIM 118955)-mediated endocytosis is a major mechanism for internalization of

Detail

proteins and lipids. Members of the connecdenn family, such as DENND1C, function as guanine nucleotide exchange factors (GEFs) for the early endosomal small GTPase RAB35 (MIM 604199) and bind to clathrin and clathrin adaptor protein-2 (AP2; see MIM 601024). Thus, connecdenns link RAB35 activation with the clathrin machinery (Marat and McPherson, 2010 [PubMed 20154091]).[supplied by OMIM, Nov 2010]

Function:

Guanine nucleotide exchange factor (GEF) for RAB35

Subunit:

Exhibits low nucleotide-independent RAB35-binding activity. Interacts with clathrin heavy chain/CLTC and with AP2A2, but not with AP2B1.

Subcellular Location:

Cytoplasm; cytosol. Cytoplasmic vesicle; clathrin-coated vesicle.

Similarity:

Contains 1 dDENN domain.

Contains 1 DENN domain.

Contains 1 uDENN domain

SWISS:

Q8IV53

Gene ID:

79958

Database links:

[Entrez Gene: 79958](#) Human

[Omim: 613634](#) Human

[SwissProt: Q8IV53](#) Human

[Unigene: 236449](#) Human