



## Rabbit Anti-DENND1A antibody

SL14269R

<b>Product Name:</b>	DENND1A
<b>Chinese Name:</b>	DENND1A蛋白抗体
<b>Alias:</b>	Connecdenn 1; Connecdenn; DEN1A_HUMAN; DENN domain-containing protein 1A; DENN/MADD domain containing 1A; dennd1a; FAM31A; FLJ21129; FLJ38464; KIAA1608; OTTHUMP00000022090; Protein FAM31A; RP11 230L22.3.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	110kDa
<b>Cellular localization:</b>	cytoplasmicThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human DENND1A:42-140/1009
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Clathrin (see MIM 118955)-mediated endocytosis is a major mechanism for internalization of proteins and lipids. Members of the connecdenn family, such as DENND1A, 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. May be involved in the clathrin-mediated endocytosis of synaptic vesicles.

**Subcellular Location:**

Cell junction > synapse > presynaptic cell membrane. Cytoplasmic vesicle > clathrin-coated vesicle membrane. Also associated with uncoated vesicles.

**Similarity:**

Contains 1 dDENN domain.

Contains 1 DENN domain.

Contains 1 uDENN domain.

**SWISS:**

Q8TEH3

**Gene ID:**

57706

**Database links:**

[Entrez Gene: 57706](#) Human

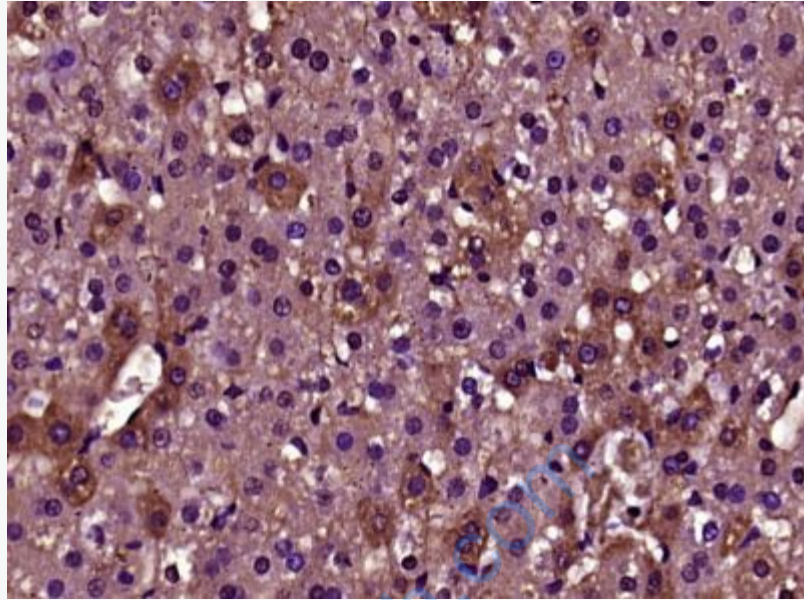
[Omim: 613633](#) Human

[SwissProt: Q8TEH3](#) Human

[Unigene: 568340](#) Human

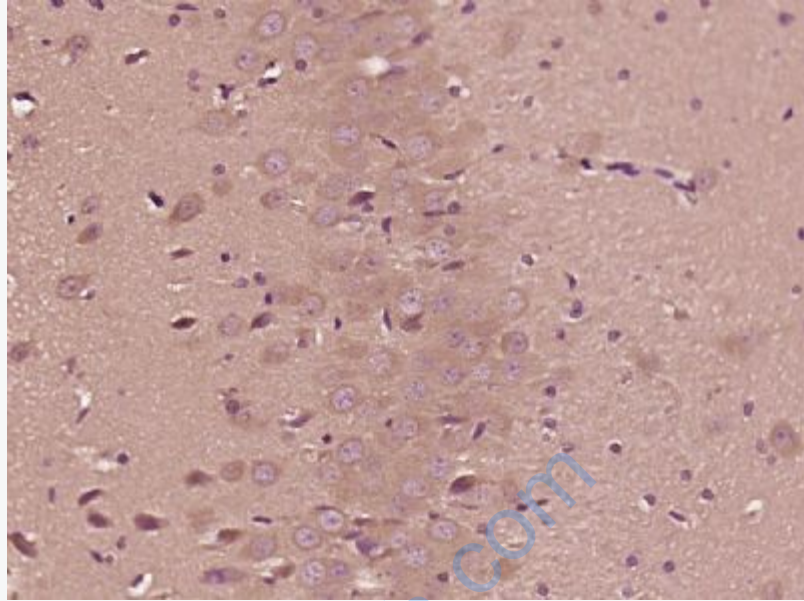
**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



**Picture:**

Paraformaldehyde-fixed, paraffin embedded (Rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DENND1A) Polyclonal Antibody, Unconjugated (SL14269R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DENND1A) Polyclonal Antibody, Unconjugated (SL14269R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.