

## DEN1A rabbit pAb

<b>Catalog No :</b>	YT7090
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB
<b>Target :</b>	DEN1A
<b>Gene Name :</b>	DENND1A FAM31A KIAA1608
<b>Protein Name :</b>	DEN1A
<b>Human Gene Id :</b>	57706
<b>Human Swiss Prot No :</b>	Q8TEH3
<b>Mouse Gene Id :</b>	227801
<b>Mouse Swiss Prot No :</b>	Q8K382
<b>Immunogen :</b>	Synthesized peptide derived from human DEN1A AA range: 14-64
<b>Specificity :</b>	This antibody detects endogenous levels of DEN1A at Human/Mouse
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

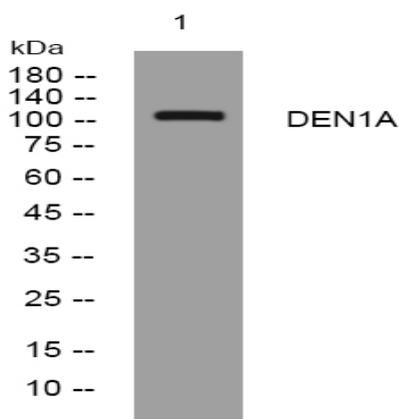
**Molecularweight :** 111kD

**Background :** 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 :** function:May be involved in the clathrin-mediated endocytosis of synaptic vesicles.,similarity:Contains 1 dDENN domain.,similarity:Contains 1 DENN domain.,similarity:Contains 1 uDENN domain.,subunit:Interacts with AP2B1, ITSN1 AND SH3GL2.,

**Subcellular Location :** Cytoplasmic vesicle, clathrin-coated vesicle membrane ; Peripheral membrane protein . Cell junction, synapse, presynaptic cell membrane . Associates to membranes via lipid-binding activity. .

## Products Images



Western blot analysis of lysates from 293T cells, primary antibody was diluted at 1:1000, 4° over night