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Datasheet for ABIN6942849

anti-DENND1A antibody (AA 42-140) (Alexa Fluor 594)

Overview

Quantity:	100 µL
Target:	DENND1A
Binding Specificity:	AA 42-140
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DENND1A antibody is conjugated to Alexa Fluor 594
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DENND1A
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Dog, Cow, Sheep, Pig, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DENND1A
Alternative Name:	DENND1A (DENND1A Products)

Target Details

Background: Synonyms: 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.

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]

Gene ID: 57706

UniProt: [Q8TEH3](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months