Mouse DENND4C Monoclonal Antibody | anti-DENND4C antibody

DENND4C Antibody: RPE

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254017	**Mouse**	**Human, Mouse, Rat**	**Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

DENND4C; Monoclonal Antibody; DENND4C Antibody: RPE; Mouse Anti-Human DENND4C Monoclonal IgG1; DENN domain-containing protein 4C antibody; anti-DENND4C antibody

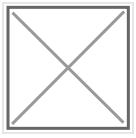
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3E8
Specificity	Detects ~213kDa.
Purity/Purification	Protein G Purified
Form/Format	PBS pH7.4, 50% glycerol, 0.09% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-DENND4C antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Full length human recombinant Dennd4c protein
Immunogen Species	Human
Conjugation	RPE
Tissue Specificity	Widely expressed
Cellular Localization	Cell membrane, Cytoplasm, Cytoplasmic vesicle, Membrane
Preparation and Storage	Store at -20 degree C Shipping: Blue Ice

IMAGES

WB (Western Blot)
Western Blot analysis of Human A549, MEF cells showing detection of DENND4C protein using Mouse Anti-DENND4C Monoclonal Antibody, Clone 3E8 . Lane 1: MW ladder. Lane 2: A549 WT. Lane 3: A549 DENND4C KO. Lane 4: MEF. Load: 30 ug. Primary Antibody: Mouse Anti-DENND4C Monoclonal Antibody at 1:1000. Courtesy of: Dario Alessi Lab, University of Dundee.

IP (Immunoprecipitation)
Immunoprecipitation analysis using Mouse Anti-DENND4C Monoclonal Antibody, Clone 3E8 . Tissue: A549, MEF cells. Species: Human, Mouse. Primary Antibody: Mouse Anti-DENND4C Monoclonal Antibody . Three amounts of SMC-610 (10, 3, and 1 ug) were non-covalently coupled to 10uL of A/G sepharose beads for 1 hour at 4°C and next incubated with 250ug of A549 or MEF lysate for 2 hours at 4°C. Courtesy of: Dario Alessi Lab, University of Dundee.



ICC (Immunocytochemistry)
Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-DENND4C Monoclonal Antibody, Clone 3E8 . Tissue: A549 cells. Species: Human. Primary Antibody: Mouse Anti-DENND4C Monoclonal Antibody at 1:100, 1:500, 1:1000 for 1 hour at RT. Secondary Antibody: Donkey anti-mouse: Alexa Fluor 594 at 1:1000 for 1 hour at RT. Counterstain: DAPI. Courtesy of: Dario Alessi Lab, University of Dundee.

ADDITIONAL INFORMATION

Related Product Information for anti-DENND4C antibody	Dennd4c is a guanine nucleotide exchange factor (GEF) for Rab10, and required for GLUT4 translocation (1). It is associated with Alkuraya-Kucinskas Syndrome and Koolen-De Vries Syndrome (2) and interacts with the retromer (3).
Product Categories/Family for anti-DENND4C antibody	Antibodies; Alzheimer's Disease; Cell Signaling; Golgi Proteins; Membrane Trafficking Proteins; Neurodegeneration; Neuroscience; Parkinson's Disease; Protein Trafficking; Growth Factors
References	1. Sano, H. et al. (2011). J Biol Chem. 286(19):16541-5.2. https://www.genecards.org/cgi-bin/carddisp.pl?gene=DENND4C3. McMillan, K. et al. (2016). J Cell Biol. 214(4):4389–422

NCBI AND UNIPROT INFORMATION

NCBI GeneID	55667
UniProt Accession #	Q5VZ89
UniProt Protein Name	DENN domain-containing protein 4C
UniProt Gene Name	**DENND4C**
UniProt Synonym Gene Names	C9orf55; C9orf55B
UniProt Entry Name	DEN4C_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/dennd4c-antibody-clone-3e8-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/254017