

DENND2C Rabbit pAb

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Catalog # AP59335

Product Information

Application	WB
Primary Accession	Q68D51
Reactivity	Human
Predicted	Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	106865
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human DENND2C
Epitope Specificity	231-330/928
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	DENND2C is a 928 amino acid protein that contains a dDENN domain, a DENN domain, and a uDENN domain and exists as three isoforms as a result of alternative splicing. The DENND2C protein is thought to target to actin filaments and control Rab9-dependent trafficking of mannose-6-phosphate receptor to lysosomes. The gene encoding DENND2C maps to human chromosome 1, the largest human chromosome which spans about 260 million base pairs and makes up 8% of the human genome. Other notable genes located on chromosome 1 include LMNA, which is associated with the rare aging disease Hutchinson-Gilford progeria, and the MUTYH gene, which is partially responsible for familial adenomatous polyposis. Stickler syndrome, Parkinsons, Gaucher disease and Usher syndrome.

Additional Information

Gene ID	163259
Other Names	DENN domain-containing protein 2C, DENND2C
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

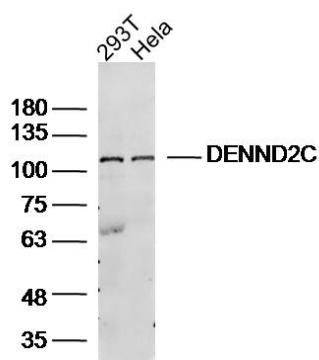
Name DENND2C

Function Guanine nucleotide exchange factor (GEF) which may activate RAB9A and RAB9B. Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their active GTP-bound form.

Background

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Images



Sample:

293T Cell (Human) Lysate at 30 ug

HeLa Cell (Human) Lysate at 30 ug

Primary: Anti- DENND2C (AP59335) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 107kD

Observed band size: 107kD

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