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CXorf56 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5213a

Product Information

Application	WB, FC, E
Primary Accession	Q9H5V9
Other Accession	Q8VDP2
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB26682
Calculated MW	25625
Antigen Region	38-67

Additional Information

Gene ID	63932
Other Names	UPF0428 protein CXorf56, CXorf56
Target/Specificity	This CXorf56 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 38-67 amino acids from the N-terminal region of human CXorf56.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CXorf56 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	STEEP1 (HGNC:26239)
Function	Molecular adapter that stimulates membrane curvature formation and subsequent endoplasmic reticulum exit site (ERES) establishment by recruiting PI3K complex I, leading to COPII vesicle- mediated transport

(PubMed:32690950). Promotes endoplasmic reticulum (ER) exit of cGAMP-activated STING1 oligomers (PubMed:32690950, PubMed:37832545).

Cellular Location

Cytoplasm. Endoplasmic reticulum membrane; Peripheral membrane protein; Cytoplasmic side. Nucleus Note=Recruited to the endoplasmic reticulum following interaction with phosphorylated STING1.

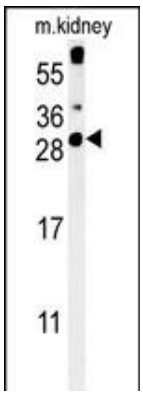
Background

While this protein is well-supported by transcript data, no functional information on its protein products is currently available.

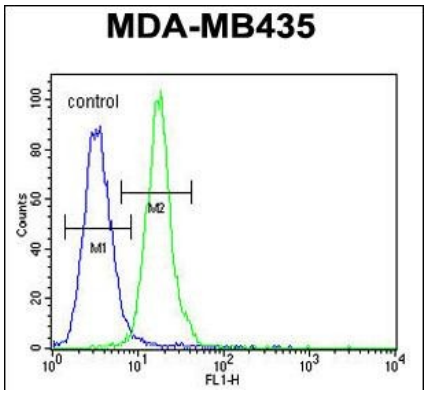
References

Tarpey, P.S., et al. Nat. Genet. 41(5):535-543(2009)
Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007)

Images



CXorf56 Antibody (N-term) (Cat. #AP5213a) western blot analysis in mouse kidney tissue lysates (35ug/lane).This demonstrates the CXorf56 antibody detected CXorf56 protein (arrow).



CXorf56 Antibody (N-term) (Cat. #AP5213a) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Citations

- CXorf56, a dendritic neuronal protein, identified as a new candidate gene for X-linked intellectual disability.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.