

For Research Use Only

REEP5 Recombinant monoclonal antibody

Catalog Number: 86849-1-RR



Basic Information

Catalog Number: 86849-1-RR	GenBank Accession Number: BC065926	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 7905	CloneNo.: 251882F7
Isotype: IgG	UNIPROT ID: Q00765	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:400-1:1600
Immunogen Catalog Number: AG6229	Full Name: receptor accessory protein 5	
	Calculated MW: 21 kDa	
	Observed MW: 17 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HeLa cells, HEK-293 cells, MOLT-4 cells, K-562 cells, NIH/3T3 cells, mouse heart tissue, rat heart tissue
	IF/ICC : A549 cells,

Background Information

REEP5 (receptor expression-enhancing protein 5), also named as C5orf18, DP1 or TB2, is a membrane protein belonging to DP1/Yop1p protein family. All REEP proteins contain a conserved TB2/DP1, HVA22 domain which is involved in intracellular trafficking and secretion (PMID: 19123125). REEP5 is expressed in circumvallate papillae and testis, and may have the function to influence functional cell surface expression of taste receptors (PMID: 16720576). REEP5 can interact with atlastins (ATL1 and ATL2) which are involved in modulating the structure of ER network (PMID: 19665976).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

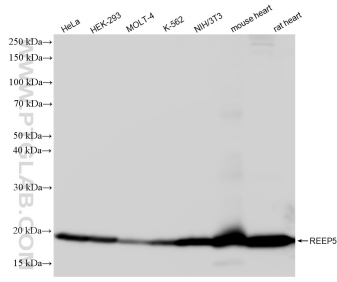
T: 4006900926

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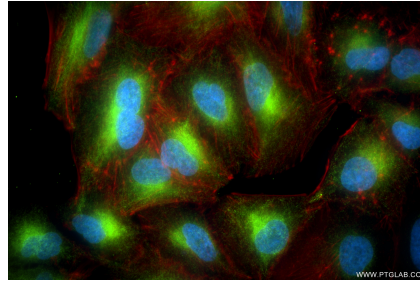
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86849-1-RR (REEP5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using REEP5 antibody (86849-1-RR, Clone: 251882F7) at dilution of 1:800 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).