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TMM8A Rabbit Polyclonal Antibody

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Catalog # AP93399

Product Information

Application	WB
Primary Accession	Q9HCN3
Reactivity	Human, Mouse
Host	Polyclonal, Rabbit,IgG
Clonality	Polyclonal
Calculated MW	84761

Additional Information

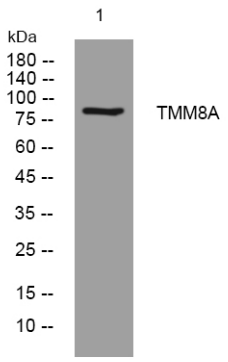
Gene ID	58986
Other Names	Post-GPI attachment to proteins factor 6, 3.1.1.4, GPI processing phospholipase A2, GPI-PLA2, Protein M83, Transmembrane protein 6, Transmembrane protein 8, Transmembrane protein 8A, PGAP6 {ECO:0000303|PubMed:27881714, ECO:0000312|HGNC:HGNC:17205}
Dilution	WB~~1:1000
Storage Conditions	-20℃

Protein Information

Name	PGAP6 {ECO:0000303|PubMed:27881714, ECO:0000312|HGNC:HGNC:17205}
Function	Involved in the lipid remodeling steps of GPI-anchor maturation. Lipid remodeling steps consist in the generation of 2 saturated fatty chains at the sn-2 position of GPI-anchor proteins (GPI-AP). Has phospholipase A2 activity that removes an acyl-chain at the sn-2 position of GPI-anchors during the remodeling of GPI. Required for the shedding of the GPI-AP CRIPTO, but not CFC1, at the cell surface. Shedding of CRIPTO modulates Nodal signaling by allowing soluble CRIPTO to act as a Nodal coreceptor on other cells (PubMed:27881714). Also indirectly involved in the translocation of RAC1 from the cytosol to the plasma membrane by maintaining the steady state amount of CAV1-enriched plasma membrane subdomains, stabilizing RAC1 at the plasma membrane (PubMed:27835684). In contrast to myomaker (TMEM8C), has no fusogenic activity (PubMed:26858401).
Cellular Location	Cell membrane; Multi-pass membrane protein. Lysosome membrane; Multi-pass membrane protein
Tissue Location	Expressed in pancreas, placenta, spleen, liver, kidney, bone marrow,

peripheral blood leukocytes and tonsil

Images



Western blot analysis of lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4°over night