

TM9SF2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP13152A

Product Information

Application	WB, IHC-P, E
Primary Accession	Q99805
Other Accession	NP_004791.1
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB32604
Calculated MW	75776
Antigen Region	111-140

Additional Information

Gene ID	9375
Other Names	Transmembrane 9 superfamily member 2, p76, TM9SF2
Target/Specificity	This TM9SF2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 111-140 amino acids from the N-terminal region of human TM9SF2.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
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	TM9SF2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TM9SF2
Function	In the intracellular compartments, may function as a channel or small molecule transporter.

Cellular Location	Endosome membrane; Multi-pass membrane protein. Golgi outpost {ECO:0000250 UniProtKB:Q66HG5}. Cytoplasm, cytoskeleton, microtubule organizing center {ECO:0000250 UniProtKB:Q66HG5}. Note=Localizes to the postsynaptic Golgi apparatus region, also named Golgi outpost, which shapes dendrite morphology by functioning as sites of acentrosomal microtubule nucleation. {ECO:0000250 UniProtKB:Q66HG5}
Tissue Location	Ubiquitously expressed. Especially abundant in pancreas, highly expressed in kidney, lower levels in heart, brain, skeletal muscle and placenta. Lowest expression in lung and liver

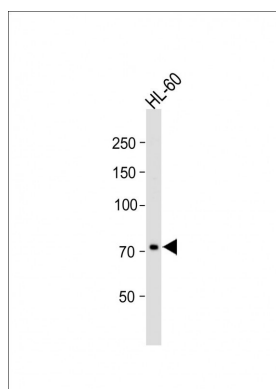
Background

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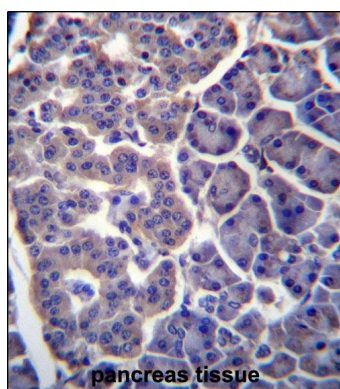
References

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 Colland, F., et al. Genome Res. 14(7):1324-1332(2004)
 Dunham, A., et al. Nature 428(6982):522-528(2004)
 Schimmoller, F., et al. Gene 216(2):311-318(1998)
 Diaz, E., et al. J. Cell Biol. 138(2):283-290(1997)

Images



All lanes : Anti-TM9SF2 Antibody (N-term) at 1:1000 dilution Lane 1: HL-60 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size : 70kDa Blocking/Dilution buffer: 5% NFDM/TBST.



TM9SF2 Antibody (N-term) (Cat. #AP13152a) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TM9SF2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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