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TM9SF1 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12476

Product Information

Application	WB, IHC
Primary Accession	O15321
Other Accession	NM_006405, NP_006396
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68861

Additional Information

Gene ID	10548
Alias Symbol	HMP70, MP70
Other Names	Transmembrane 9 superfamily member 1, MP70 protein family member, hMP70, TM9SF1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 ul of distilled water. Final anti-TM9SF1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	TM9SF1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

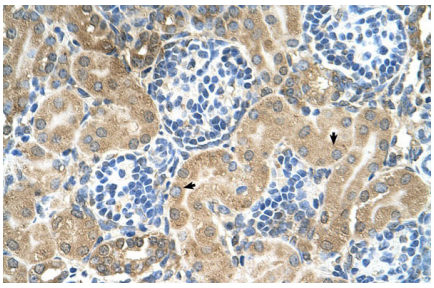
Protein Information

Name	TM9SF1
Function	Plays an essential role in autophagy.
Cellular Location	Lysosome membrane; Multi-pass membrane protein. Cytoplasmic vesicle, autophagosome membrane; Multi- pass membrane protein
Tissue Location	Expressed in lung, pancreas, kidney, liver, placenta, skeletal muscle, heart and brain. The amount in skeletal muscle, heart and brain were considerably lower than in the other tissues.

References

Sugasawa,T.,(2001)Gene273(2),227-237ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.Publications:He,P.etal.High-throughputfunctionalscreeningforautophagy-relatedgenesandidentificationofTM9SF1asanautophagosome-inducinggene.Autophagy5,52-60(2009).WB,ICC/IF,Bovine,Human,Mouse,Dog,Zebrafish,Pig,Horse,Rabbit,Rat,Guineapig,Goat19029833

Images



Human kidney

WB Suggested Anti-TM9SF1 Antibody Titration: 1.25µg/ml
Positive Control: Jurkat cell lysate