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TM9SF1 Rabbit pAb

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Catalog # AP54309

Product Information

Application	WB
Primary Accession	O15321
Reactivity	Human, Mouse
Predicted	Rat, Dog, Horse, Rabbit, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68861
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TM9SF1
Epitope Specificity	51-150/606
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Lysosome membrane; Multi-pass membrane protein. Cytoplasmic vesicle, autophagosome membrane; Multi-pass membrane protein.
SIMILARITY	Belongs to the nonaspanin (TM9SF) family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	TM9SF1 (Transmembrane 9 superfamily member 1) may function as a channel, small molecule transporter or receptor.

Additional Information

Gene ID	10548
Other Names	Transmembrane 9 superfamily member 1, MP70 protein family member, hMP70, TM9SF1
Target/Specificity	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.
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

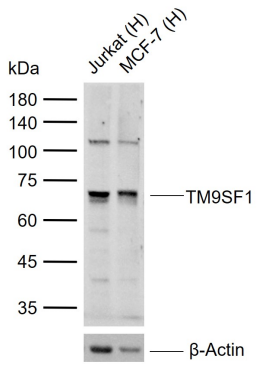
Protein Information

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.

Background

TM9SF1 (Transmembrane 9 superfamily member 1) may function as a channel, small molecule transporter or receptor.

Images



Sample:
Lane 1: Human Jurkat cell lysates
Lane 2: Human MCF-7 cell lysates
Primary: Anti-TM9SF1 (AP54309) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 66 kDa
Observed band size: 70 kDa