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TM7SF2 Rabbit pAb

Catalog # AP98471

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	O76062
Other Accession	O76062
Reactivity	Rat, Human, Mouse
Predicted	Rabbit, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46406
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TM7SF2/DHCR14A
Epitope Specificity	51-150/418
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the ERG4/ERG24 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Involved in the conversion of lanosterol to cholesterol.Expressed in adult heart, brain, pancreas, lung, liver, skeletal muscle, kidney, ovary, prostate, and testis, but not detected in placenta, spleen, thymus, small intestine, colon (mucosal lining), or peripheral blood leukocytes.

Additional Information

Gene ID	7108
Other Names	ANG1; C14SR; DHCR14A; NET47; 3110041O18Rik; Dhcr14; ERG24_HUMAN; TM7SF2; Delta-14-SR; 3-beta-hydroxysterol Delta (14)-reductase; Another new gene 1 protein; C-14 sterol reductase (C14SR); Putative sterol reductase SR-1; Sterol C14-reductase; Transmembrane 7 superfamily member 2; 1.3.1.70; ERG24_MOUSE; delta(14)-sterol reductase
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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	TM7SF2

Synonyms	ANG1
Function	Catalyzes the reduction of the C14-unsaturated bond of lanosterol, as part of the metabolic pathway leading to cholesterol biosynthesis.
Cellular Location	Microsome membrane {ECO:0000250|UniProtKB:Q71KT5}; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein
Tissue Location	Expressed in adult heart, brain, pancreas, lung, liver, skeletal muscle, kidney, ovary, prostate, testis and adrenal gland, but not detected in placenta, spleen, thymus, small intestine, colon (mucosal lining), or peripheral blood leukocytes

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