

Rabbit anti-Human, Mouse TM7SF2 Polyclonal Antibody | anti-TM7SF2 antibody

TM7SF2 Antibody

CATALOG # AAA303769	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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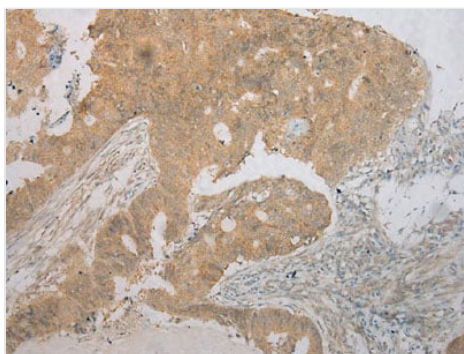
PRODUCT SYNONYMS

TM7SF2; Polyclonal Antibody; TM7SF2 Antibody; ANG1; NET47; DHCR14A; anti-TM7SF2 antibody

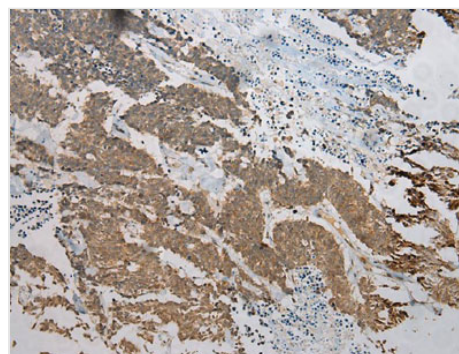
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total TM7SF2 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.6 mg/ml (varies by lot)
Sequence Length	391
Applicable Applications for anti-TM7SF2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human transmembrane 7 superfamily member 2
Target Name	TM7SF2
Preparation and Storage	Store at -20 degree C

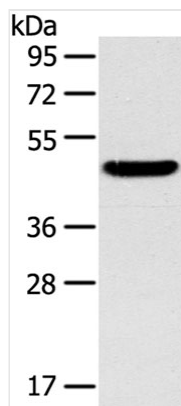
IMAGES


IHC (Immunohistochemisry)

Immunohistochemical analysis of paraffin-embedded Human Colorectal cancer tissue using AAA303769 at dilution 1/100.


IHC (Immunohiostchemistry)

Immunohistochemical analysis of paraffin-embedded Human Lung cancer tissue using AAA303769 at dilution 1/100.



Application Data

Gel: 8%SDS-PAGE Lysate: 40ug Mouse liver tissue Primary antibody: 1/400 dilution
Secondary antibody dilution: 1/8000 Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-TM7SF2 antibody	Transmembrane 7 superfamily member 2 (TM7SF2, Sterol C14-reductase, 3beta-hydroxysterol Delta-reductase) is a 418 amino acid gene product that belongs to the ERG4/ERG24 family. TM7SF2 is a seven pass transmembrane protein that can localize to the membrane of the endoplasmic reticulum. TM7SF2 is involved in the conversion of lanosterol to cholesterol and, specifically, catalyzes the NADPH dependant reduction of 4,4-dimethyl-5-alpha-cholesta-8,14,24-trien-3-beta-ol to 4,4-dimethyl-5-alpha-cholesta-8,24-dien-3-beta-ol and NADP+.
Product Categories/Family for anti-TM7SF2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	469663653
NCBI GeneID	7108
NCBI Accession #	NP_001264162.1
NCBI GenBank Nucleotide #	NM_001277233.1
UniProt Accession #	O76062; O95982; Q8IY06; Q96E64; Q96GZ1; A8K4H0
Molecular Weight	SDS-PAGE MW: 46KD
NCBI Official Full Name	delta(14)-sterol reductase isoform 2
NCBI Official Synonym Full Names	transmembrane 7 superfamily member 2
NCBI Official Symbol	TM7SF2
NCBI Official Synonym Symbols	ANG1; NET47; DHCR14A
NCBI Protein Information	delta(14)-sterol reductase
UniProt Protein Name	Delta(14)-sterol reductase
UniProt Gene Name	TM7SF2
UniProt Synonym Gene Names	ANG1; Delta-14-SR
UniProt Entry Name	ERG24_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.