

Rabbit TM4SF1 Polyclonal Antibody | anti-TM4SF1 antibody

TM4SF1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10947	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

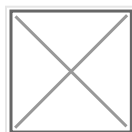
PRODUCT SYNONYMS

TM4SF1; Polyclonal Antibody; TM4SF1 Antibody; L6; H-L6; M3S1; TAAL6; Transmembrane 4 L6 family member 1; Membrane component chromosome 3 surface marker 1; transmembrane 4 L six family member 1; anti-TM4SF1 antibody

PRODUCT SPECIFICATIONS

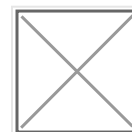
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least three isoforms of TM4SF1 are known to exist; this antibody will recognize only the two largest isoforms. TM4SF1 antibody is predicted to not cross-react with other tetraspanin proteins.
Purity/Purification	TM4SF1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	202
Applicable Applications for anti-TM4SF1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	TM4SF1 antibody can be used for detection of TM4SF1 by Western blot at 0.5 - 1 mug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL.
Conjugate	Unconjugated
Immunogen	TM4SF1 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human TM4SF1.
Buffer	TM4SF1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TM4SF1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of TM4SF1 in mouse lung tissue with TM4SF1 antibody at 2 ug/mL.



IF (Immunofluorescence)

Immunofluorescence of TM4SF1 in mouse lung tissue with TM4SF1 antibody at 20 ug/mL. Red: TM4SF1 Antibody (6229) Blue: DAPI staining

**IHC (Immunohistochemistry)**

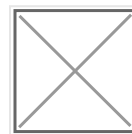
Immunohistochemistry of TM4SF1 in mouse lung tissue with TM4SF1 antibody at 5 μg/mL.

**IF (Immunofluorescence)**

Immunofluorescence of TM4SF1 in human lung tissue with TM4SF1 antibody at 20 μg/mL.

**IHC (Immunohistochemistry)**

Immunohistochemistry of TM4SF1 in human lung tissue with TM4SF1 antibody at 5 μg/mL.

**WB (Western Blot)**

Western blot analysis of TM4SF1 in human lung tissue lysate with TM4SF1 antibody at (A) 0.5 and (B) 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TM4SF1 antibody

TM4SF1 Antibody: TM4SF1 is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains and mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. TM4SF1 is a cell surface antigen and is highly expressed in the vascular endothelium of several human cancers. Knockdown experiments of TM4SF1 prevented filopodia formation, inhibited cell mobility, blocked cytokinesis, and inhibited maturation of VEGF-A-induced angiogenesis, suggesting that TM4SF1 may be an attractive target for anti-angiogenesis therapy.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21265101
NCBI GeneID	4071
NCBI Accession #	NP_055035
NCBI GenBank Nucleotide #	NM_014220.2
UniProt Accession #	P30408 ; Q6IB51
NCBI Official Full Name	transmembrane 4 L6 family member 1
NCBI Official Synonym Full Names	transmembrane 4 L six family member 1
NCBI Official Symbol	TM4SF1
NCBI Official Synonym Symbols	L6; H-L6; M3S1; TAAL6
NCBI Protein Information	transmembrane 4 L6 family member 1; tumor-associated antigen L6; transmembrane 4 superfamily member 1; membrane component chromosome 3 surface marker 1; membrane component, chromosome 3, surface marker 1
UniProt Protein Name	Transmembrane 4 L6 family member 1
UniProt Gene Name	TM4SF1
UniProt Synonym Gene Names	M3S1; TAAL6
UniProt Entry Name	T4S1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tm4sf1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/10947>