

Rabbit anti-Human, mouse TM4SF1 Polyclonal Antibody | anti-TM4SF1 antibody

TM4SF1 Antibody (N-term)

CATALOG # AAA287495	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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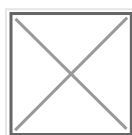
PRODUCT SYNONYMS

TM4SF1; Polyclonal Antibody; TM4SF1 Antibody (N-term); Transmembrane 4 L6 family member 1; Membrane component chromosome 3 surface marker 1; Tumor-associated antigen L6; M3S1; TAAL6; anti-TM4SF1 antibody

PRODUCT SPECIFICATIONS

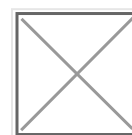
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TM4SF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 16-45 amino acids from the N-terminal region of human TM4SF1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	16-45
Sequence Length	202
Applicable Applications for anti-TM4SF1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



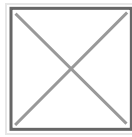
IHC (Immunohistochemistry)

TM4SF1 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TM4SF1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

TM4SF1 Antibody (N-term) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the TM4SF1 antibody detected the TM4SF1 protein (arrow).



WB (Western Blot)

TM4SF1 Antibody (N-term) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the TM4SF1 antibody detected the TM4SF1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TM4SF1 antibody	The protein encoded by this gene 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. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface antigen and is highly expressed in different carcinomas.
Product Categories/Family for anti-TM4SF1 antibody	Cancer
References	Gordon, G.J., et al. J. Natl. Cancer Inst. 101(9):678-686(2009) Lekishvili, T., et al. J. Cell. Sci. 121 (PT 5), 685-694 (2008) : Stelzl, U., et al. Cell 122(6):957-968(2005) Chang, Y.W., et al. Int. J. Cancer 116(2):243-252(2005) Kao, Y.R., et al. Clin. Cancer Res. 9(7):2807-2816(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21265101
NCBI GeneID	4071
NCBI Accession #	NP_055035.1
NCBI GenBank Nucleotide #	NM_014220.2
UniProt Accession #	P30408; Q6IB51
Molecular Weight	21632
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
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.