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

TM4SF1 Antibody (N-term)

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

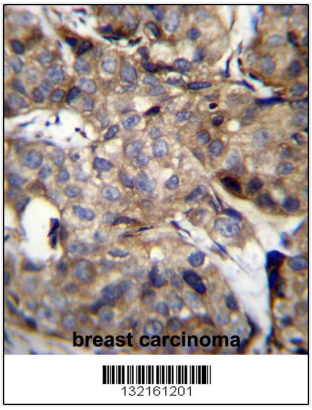
PRODUCT SYNONYMS

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

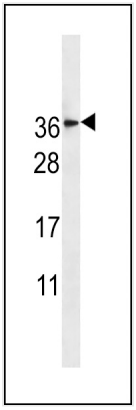
PRODUCT SPECIFICATIONS

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.

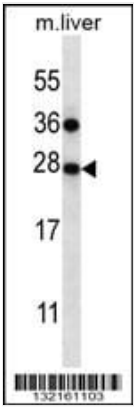
IMAGES



IHC (Immunohistochemisry)
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.

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Online datasheet: https://www.aaabiotech.com/polyclonal/tm4sf1-antibody-immunohistochemistry-western-blot-elisa/287495