

Rabbit TM6SF1 Polyclonal Antibody | anti-TM6SF1 antibody

TM6SF1 Antibody

CATALOG # AAA75795	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, ELISA
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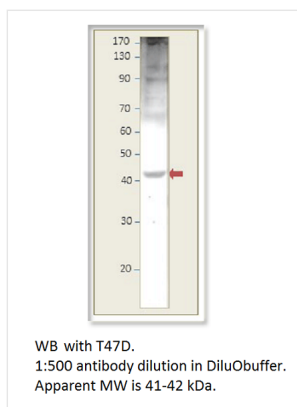
PRODUCT SYNONYMS

TM6SF1; Polyclonal Antibody; TM6SF1 Antibody; Transmembrane 6 superfamily member 1 antibody; anti-TM6SF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	One hundred micrograms in 175-200 ul of antibody stabilization buffer. (varies by lot)
Sequence Length	370
Applicable Applications for anti-TM6SF1 antibody	WB (Western Blot), ELISA
Immunogen	Synthetic peptide taken within amino acid region 320-370 on human TM6SF1 protein.
Preparation and Storage	Store at -20°C for long term storage

IMAGES



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-TM6SF1 antibody	Description: Transmembrane 6 superfamily member 1 antibody affinity purified Overview: Transmembrane 6 superfamily member 1(TM6SF1) is a 370 amino acid multi-pass membrane protein that belongs to the TM6SF family. The TM6SF family comprises of 3 members (TM6SF1-TM6SF3) and are intricately involved in chemokine signaling transduction pathways. The TM6SF1 is a new member recently characterized whose gene is located on chromosome15q12. The Euroimage consortium sequencing project identified TM6SF1 as a novel gene whose expression was limited to spleen, testis, and peripheral blood leukocytes. TM6SF1 and TM6SF2 are paralogous pair of genes, where TM6SF1 is localized on chromosome 19q12 while TM6SF2 localized on chromosome 15q12. The TM6SF1 andTMSF2 are have an overall similarity of 68% and 52% identity at the protein level. This conservation also led to discovery of 11 more genes 19p1.3-p12 with close homology to genes in the 15q24-q26 (1). The gene that encodes TM6SF1 consists of nearly 30,000 bases and maps to human chromosome 15q25 (1). Housing approximately 106 million base pairs and encoding more than 700 genes, chromosome 15 makes up about 3% of the human genome. Mutations in this chromosome caused various disorders including Angelman and Prader-Willi, Tay Sachs disease, and Marfan syndrome. TM6SF1 contains 8 transmembrane domains. The TM6SF1 gene was cloned from the tumor clonal outgrowth which was produced by spontaneously senescent normal mammary clonal out growth infected with the MMTV virus. The TM6SF1 is expressed in several spliced forms that are produced by either use of alternate initiation codons or by alternate RNA splicing. The physiological role of this protein is not known and may be a member of the orphan receptor family member (2). TM6SF1-selective antibodies were generated against a peptide taken from the C-terminal region of the human TM6SF1 protein. The TM6SF1-selective antibodies are affinity purified on an immobilized antigen based affinity matrix. The isolated antibodies were then stabilized in antibody stabilization buffer for long-term storage. Antigenic blocking peptides (MBS544584) and western blot positive controls (MBS543328) are available. Antibodies can be conjugated to secondary enzymes or fluorophores upon request at nominal costs.
Product Categories/Family for anti-TM6SF1 antibody	Primary Antibodies ; Cell Biology ; TM6SF1 Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	209572686
NCBI GeneID	53346
UniProt Accession #	Q9BZW5 ; Q4U0U5 ; A8K7T5 ; H3BU56
NCBI Official Full Name	Transmembrane 6 superfamily member 1
NCBI Official Synonym Full Names	transmembrane 6 superfamily member 1
NCBI Official Symbol	TM6SF1
NCBI Protein Information	transmembrane 6 superfamily member 1
UniProt Protein Name	Transmembrane 6 superfamily member 1
UniProt Gene Name	TM6SF1
UniProt Entry Name	TM6S1_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/tm6sf1-antibody-western-blot-elisa/75795>