

Rabbit TM6SF2 Polyclonal Antibody | anti-TM6SF2 antibody

TM6SF2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75812	Rabbit	Human, Mouse, Rat	Western Blot, Immunoprecipitation, ELISA

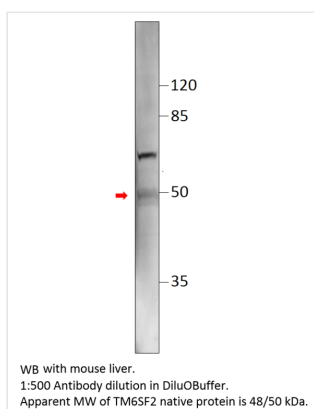
PRODUCT SYNONYMS

TM6SF2; Polyclonal Antibody; TM6SF2 Antibody; TM6S2_HUMAN; tm6sf2; Transmembrane 6 superfamily member 2 antibody; anti-TM6SF2 antibody

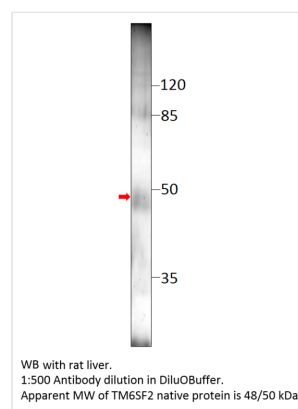
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.68 mg/ml IgG in antibody stabilization buffer (varies by lot)
Sequence Length	377
Applicable Applications for anti-TM6SF2 antibody	WB (Western Blot), IP (Immunoprecipitation), ELISA
Immunogen	Synthetic peptide taken within amino acid region 220-270 on mouse TM6SF2 protein.
Molecular Function	Integral component of membrane
Structure	Transmembrane helix; Belongs to TM6SF family
Preparation and Storage	-20• degree C for long term storage

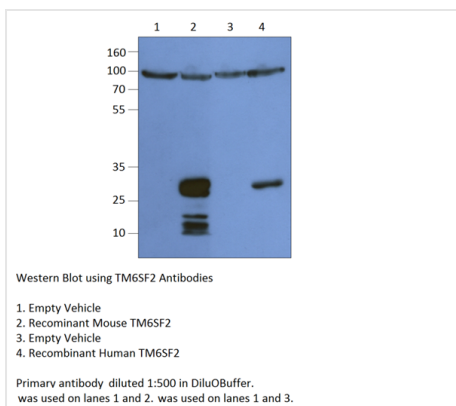
IMAGES



WB (Western Blot)



WB (Western Blot)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-TM6SF2 antibody	Transmembrane 6 superfamily member 2 (TM6SF2) is a 377 amino acid multi-pass membrane protein that belongs to the TM6SF family which is intricately involved in chemokine signal transduction pathways. TM6SF2, a gene expressed predominantly in liver and intestine comprises of 7-10 predicted transmembrane domains. TM6SF2 siRNA inhibition is associated with reduced secretion of TRLs and increased cellular TG concentration and lipid droplet content, whereas TM6SF2 overexpression reduced liver cell steatosis concluding that TM6SF2 is a regulator of liver fat metabolism with opposing effects on the secretion of TRLs and hepatic lipid droplet content (1). Protein subcellular localization studies with confocal microscopy demonstrated that TM6SF2 is localized in the endoplasmic reticulum and the ERGolgi intermediate compartment of human liver cells (2).
Product Categories/Family for anti-TM6SF2 antibody	Primary Antibodies; Cell Biology; TM6SF2 Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	112181177
NCBI GeneID	53345
NCBI Accession #	NP_001001524
NCBI GenBank Nucleotide #	NM_001001524.2
UniProt Accession #	Q8R1J1; Q0IJ64; Q9BZW4
Molecular Weight	39,417 Da
NCBI Official Full Name	transmembrane 6 superfamily member 2
NCBI Official Synonym Full Names	transmembrane 6 superfamily member 2
NCBI Official Symbol	TM6SF2
NCBI Protein Information	transmembrane 6 superfamily member 2
UniProt Protein Name	Transmembrane 6 superfamily member 2
UniProt Gene Name	TM6SF2
UniProt Entry Name	TM6S2_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.