# antibodies - online.com







# anti-TM4SF4 antibody (N-Term)



Image



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Quantity:	100 μL
Target:	TM4SF4
Binding Specificity:	N-Term
Reactivity:	Human, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TM4SF4 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TM4SF4
Sequence:	CTGGCARCLG GTLIPLAFFG FLANILLFFP GGKVIDDNDH LSQEIWFFGG
Predicted Reactivity:	Cow: 79%, Guinea Pig: 79%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against TM4SF4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	TM4SF4

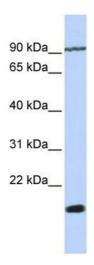
## **Target Details**

Alternative Name:	TM4SF4 (TM4SF4 Products)
Background:	TM4SF4 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 protein is a cell
	surface glycoprotein that can regulate cell proliferation. 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 glycoprotein that can regulate cell proliferation. The use of alternate polyadenylation
	sites has been found for this gene.
	Alias Symbols: FLJ31015, ILTMP, il-TMP
	Protein Interaction Partner: FATE1,
	Protein Size: 202
Molecular Weight:	21 kDa
Gene ID:	7104
NCBI Accession:	NM_004617, NP_004608
UniProt:	P48230
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 202 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.
Preservative:	Sodium azide

### Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Images**



#### **Western Blotting**

**Image 1.** WB Suggested Anti-TM4SF4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate