

Product datasheet

Anti-TM4SF4 antibody ab84300

1 Image

Overview

Product name	Anti-TM4SF4 antibody
Description	Rabbit polyclonal to TM4SF4
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide designed within residues: CTGGCARCLG GTLIPLAFFG FLANILLFFP GGKVIDDNDH LSQEMWFFGG, corresponding to N terminal amino acids 2-51 of Human TM4SF4 (NP_004608) Run BLAST with ExPASy Run BLAST with NCBI
Positive control	Jurkat cell lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab84300** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 21 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Target

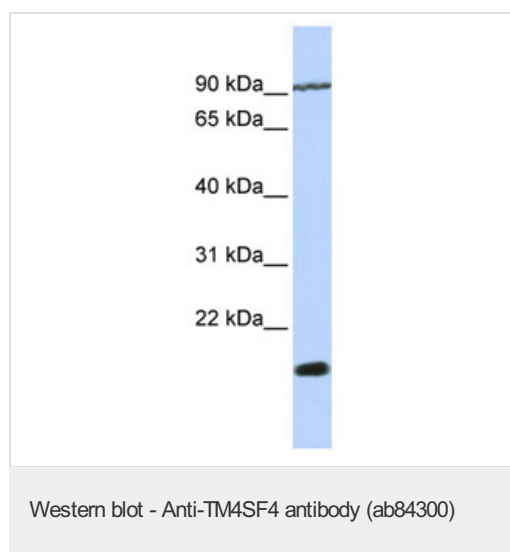
Relevance

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. TM4SF4 is a cell surface glycoprotein that regulates the adhesive and proliferative status of intestinal epithelial cells and can mediate density-dependent cell proliferation. Glycosylation is required for the growth inhibitory effect.

Cellular localization

Integral to plasma membrane.

Images



Anti-TM4SF4 antibody (ab84300) at 1 µg/ml + Jurkat cell lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size: 21 kDa

Observed band size: <22 kDa

[why is the actual band size different from the predicted?](#)

Additional bands at: >90 kDa. We are unsure as to the identity of these extra bands.

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