

Datasheet for ABIN7602250  
**anti-TM9SF2 antibody (AA 66-596)**



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## Overview

Quantity:	100 µg
Target:	TM9SF2
Binding Specificity:	AA 66-596
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TM9SF2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	Anti-TM9SF2 Antibody Picoband®
Immunogen:	E.coli-derived human TM9SF2 recombinant protein (Position: R66-S596).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-TM9SF2 Antibody Picoband® (ABIN7602250). Tested in ELISA, WB applications. This antibody reacts with Human, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

## Target Details

Target:	TM9SF2
Alternative Name:	TM9SF2 ( <a href="#">TM9SF2 Products</a> )
Background:	<p>Synonyms: RNA-binding protein 47,RNA-binding motif protein 47,RBM47,</p> <p>Tissue Specificity: Abundantly expressed in tonsil, lymph node, and trachea, strong expression in prostate, lower expression in thyroid, stomach, and colon. .</p> <p>Background: Transmembrane 9 superfamily member 2 is a protein that in humans is encoded by the TM9SF2 gene. This gene encodes a member of the transmembrane 9 superfamily. The encoded 76 kDa protein localizes to early endosomes in human cells. The encoded protein possesses a conserved and highly hydrophobic C-terminal domain which contains nine transmembrane domains. The protein may play a role in small molecule transport or act as an ion channel. A pseudogene associated with this gene is located on the X chromosome.</p>
Molecular Weight:	76 kDa
Gene ID:	9375
UniProt:	<a href="#">Q99805</a>

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Rat</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Diaz, E., Schimmoller, F., Pfeffer, S. R. A novel Rab9 effector required for endosome-to-TGN transport. J. Cell Biol. 138: 283-290, 1997. 2. Gross, M. B. Personal Communication. Baltimore, Md. 6/25/2014. 3. Schimmoller, F., Diaz, E., Muhlbauer, B., Pfeffer, S. R. Characterization of a 76 kDa endosomal, multispinning membrane protein that is highly conserved throughout evolution. Gene 216: 311-318, 1998.</p>
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C, -20 °C

## Handling

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Storage Comment: At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.  
It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.