

Datasheet for ABIN2783987

anti-Transmembrane 7 Superfamily Member 4 (TM7SF4) (N-Term) antibody[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	Transmembrane 7 Superfamily Member 4 (TM7SF4)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Rabbit, Cow, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TM7SF4
Sequence:	AGTGIVILGH VENIFHNFKG LLDGMTCNLR AKSFSIHFL LKKYIEAIQW
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 92%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TM7SF4. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Transmembrane 7 Superfamily Member 4 (TM7SF4)
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Target Details

Alternative Name:	TM7SF4 (TM7SF4 Products)
Background:	<p>Dendritic cells are unique in their ability to present antigen to naive T cells, and therefore play a central role in the initiation of immune responses. The protein encoded by this gene is a transmembrane molecule that is preferentially expressed by dendritic cells. Its expression is down-regulated by ligation of the CD40 Molecule. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.</p> <p>Alias Symbols: DCSTAMP, FIND, MGC138223, MGC138225, TM7SF4</p> <p>Protein Interaction Partner: OS9,</p> <p>Protein Size: 470</p>
Molecular Weight:	53 kDa
Gene ID:	81501
NCBI Accession:	NM_030788 , NP_110415
UniProt:	Q9H295

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 470 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
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

Handling

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-TM7SF4
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500
Positive Control: OVCAR-3 cell lysate
DCSTAMP is supported by BioGPS gene expression data to be expressed in OVCAR3

Western Blotting

Image 2. WB Suggested Anti-TM7SF4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: OVCAR-3 cell lysate DCSTAMP is supported by BioGPS gene expression data to be expressed in OVCAR3