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## Datasheet for ABIN653705 anti-TM4SF4 antibody (N-Term)

2 Images



#### Overview

Quantity:	400 µL
Target:	TM4SF4
Binding Specificity:	AA 16-45, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TM4SF4 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	This T4S4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 16-45 amino acids from the N-terminal region of human T4S4.
Clone:	RB24465
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Target Details

Target:	TM4SF4
Alternative Name:	T4S4 (TM4SF4 Products)
Background:	T4S4 is a member of the transmembrane 4 superfamily, also known as the tetraspanin family.

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	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.
Molecular Weight:	21396

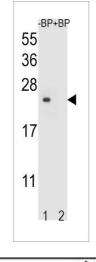
Gene ID:	7104
NCBI Accession:	NP_004608
UniProt:	P48230

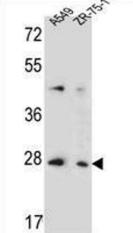
## Application Details

Application Notes:	WB: 1:1000. WB: 1:1000
Restrictions:	For Research Use only

#### Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months





#### Western Blotting

**Image 1.** Western blot analysis of T4S4 Antibody (N-term) Pab (ABIN653705 and ABIN2843022) pre-incubated without(lane 1) and with(lane 2) blocking peptide in liver cell line lysate. T4S4 Antibody (N-term) (arrow) was detected using the purified Pab

#### Western Blotting

**Image 2.** T4S4 Antibody (N-term) (ABIN653705 and ABIN2843022) western blot analysis in A549,ZR-75-1 cell line lysates (35 µg/lane).This demonstrates the T4S4 antibody detected the T4S4 protein (arrow).

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