

Datasheet for ABIN5514432
anti-TMPS2 antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	TMPS2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human TMPS2
Sequence:	YYENHGYQPE NPYP AQPTV V PTVYEVHPAQ YYPSVPQYA PRVLTQASNP
Characteristics:	This is a rabbit polyclonal antibody against TMPS2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	TMPS2
Alternative Name:	TMPS2 (TMPS2 Products)
Background:	This gene encodes a protein that belongs to the serine protease family. The encoded protein contains a type II transmembrane domain, a receptor class A domain, a scavenger receptor cysteine-rich domain and a protease domain. Serine proteases are known to be involved in

Target Details

many physiological and pathological processes. This gene was demonstrated to be up-regulated by androgenic hormones in prostate cancer cells and down-regulated in androgen-independent prostate cancer tissue. The protease domain of this protein is thought to be cleaved and secreted into cell media after autocleavage. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Alias Symbols: TMPRSS2, PRSS10,

Protein Interaction Partner: TMPRSS2,

Protein Size: 492

Gene ID: 7113

NCBI Accession: [NP_005647](#)

UniProt: [O15393](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

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.

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.