



Datasheet for ABIN1539224
anti-TMPRSS12 antibody (N-Term)



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1 Image

Overview

Quantity:	400 µL
Target:	TMPRSS12
Binding Specificity:	AA 26-54, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMPRSS12 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This TMPRSS12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 26-54 amino acids from the N-terminal region of human TMPRSS12.
Clone:	RB35931
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TMPRSS12
Alternative Name:	TMPRSS12 (TMPRSS12 Products)
Background:	TMPRSS12 (transmembrane protease serine 12) is a 348 amino acid single-pass membrane

Target Details

protein that belong to the peptidase S1 family and contains one peptidase S1 domain. The gene that encodes TMPRSS12 consists of nearly 45,000 bases and maps to human chromosome 12q13.12. Encoding over 1,100 genes within 132 million bases, chromosome 12 makes up about 4.5 % of the human genome. A number of skeletal deformities are linked to chromosome 12, including hypochondrogenesis, achondrogenesis and Kniest dysplasia. Noonan syndrome, which includes heart and facial developmental defects among the primary symptoms, is caused by a mutant form of PTPN11 gene product, SH-PTP2. Chromosome 12 is also home to a homeobox gene cluster, which encodes crucial transcription factors for morphogenesis, and the natural killer complex gene cluster, encoding C-type lectin proteins which mediate the NK cell response to MHC I interaction. Trisomy 12p leads to facial development defects, seizure disorders and a host of other symptoms which vary in severity depending on the extent of mosaicism.

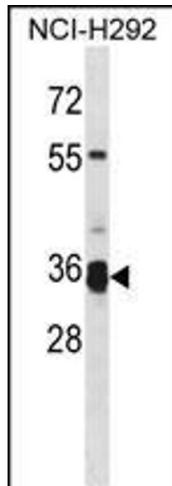
Molecular Weight:	38605
Gene ID:	283471
NCBI Accession:	NP_872365
UniProt:	Q86WS5

Application Details

Application Notes:	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:	TMPRSS12 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. TRSS12 Antibody (N-term) (ABIN1539224 and ABIN2848477) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the TRSS12 antibody detected the TRSS12 protein (arrow).