

Datasheet for ABIN238616 anti-TMPRSS3 antibody (Internal Region)



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1 Image

Overview

Quantity:	100 µg
Target:	TMPRSS3
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TMPRSS3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	TMPRSS3
Immunogen:	Peptide with sequence C-EKIVYHSKYKPKR, from the internal region of the protein sequence according to NP_076927.1, NP_115777.1, NP_115780.1, NP_115781.1.
Sequence:	EKIVYHSKYK PKR
Isotype:	IgG
Specificity:	This antibody is expected to recognise all four reported isoforms (NP_076927.1, NP_115777.1, NP_115780.1, NP_115781.1)
Cross-Reactivity:	Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: TMPRSS3

Alternative Name: TMPRSS3 ([TMPRSS3 Products](#))

Background: Transmembrane protease, serine 3, DFNB10, DFNB8, ECHOS1, TADG12, serine protease TADG12

Gene ID: 64699, 140765

NCBI Accession: [NP_076927](#), [NP_115777](#), [NP_115780](#), [NP_115781](#)

Pathways: [Sensory Perception of Sound](#)

Application Details

Application Notes: Western Blot: Approx 48 kDa band observed in A431 lysates (calculated MW of 49.4 kDa according to NP_076927.1). Recommended concentration: 0.1-0.3 µg/mL.
Peptide ELISA: antibody detection limit dilution 1:32000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

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: Minimize freezing and thawing.

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN238616 (0.1µg/ml) staining of A431 cell lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.