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anti-TMPRSS4 antibody (Internal Region)





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Overview

Quantity:	100 μg
Target:	TMPRSS4
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TMPRSS4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	TMPRSS4
Immunogen:	Peptide with sequence DSTRCNADDAYQGE, from the internal region of the protein sequence according to NP_063947.1, NP_001077416.1.
Sequence:	DSTRCNADDA YQGE
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_063947.1 and NP_001077416.1).
Cross-Reactivity:	Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details Verified Grade: **Target Details** TMPRSS4 Target: TMPRSS4 (TMPRSS4 Products) Alternative Name Background: Transmembrane protease, serine 4, MT-SP2, TMPRSS3, membrane-type serine protease 2, transmembrane serine protease 3, type II membrane serine protease Gene ID: 56649, 214523 NCBI Accession: NP_063947, NP_001077416 **Application Details** Application Notes: Western Blot: Approx 48 kDa band observed in lysates of cell line HEK293 (calculated MW of 48.2 kDa according to NP_063947.1 and of 47.6 kDa according to NP_001077416.1). Recommended concentration: 0.5-1.5 µg/mL. Primary incubation was 1 hour. 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. -20 °C Storage: 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.

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Western Blotting

Image 1. ABIN570927 (1 μ g/ml) staining of Human Bone Marrow lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.