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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB08297 - Goat Anti-TMPRSS4 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: transmembrane protease, serine 4, MT-SP2, TMPRSS3, membrane-type serine protease 2, transmembrane serine protease 3, type II membrane serine protease

Official Symbol: TMPRSS4

Accession Number(s): NP_063947.1; NP_001077416.1

Human GeneID(s): [56649](#)

Non-Human GeneID(s): 214523 (mouse)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_063947.1 and NP_001077416.1).

Immunogen

Peptide with sequence DSTRCNADDAYQGE, from the internal region of the protein sequence according to NP_063947.1; NP_001077416.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 48kDa band observed in lysates of cell line HEK293 (calculated MW of 48.2kDa according to NP_063947.1 and of 47.6kDa according to NP_001077416.1). Recommended concentration: 0.5-1.5µg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse

EB08297 (0.5µg/ml) staining lysates of cell line HEK293 (35µg protein in RIPA buffer). Detected by chemiluminescence.