

#### **International Office**

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# 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 GenelD(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: 0.5-1.5 $\mu$ g/ml. Primary incubation was 1

hour.

### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse

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

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