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

EB08189 - Goat Anti-TMPRSS3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: transmembrane protease, serine 3, DFNB10, DFNB8, ECHOS1, TADG12, serine protease TADG12

Official Symbol: TMPRSS3

Accession Number(s): NP_076927.1; NP_115777.1; NP_115780.1; NP_115781.1

Human GeneID(s): [64699](#)

Non-Human GeneID(s): 140765 (mouse)

Important Comments: This antibody is expected to recognise all four reported isoforms (NP_076927.1; NP_115777.1; NP_115780.1; NP_115781.1)

Immunogen

Peptide with sequence C-EKIVYHISKYKPKR, from the internal region of the protein sequence according to NP_076927.1; NP_115777.1; NP_115780.1; NP_115781.1.

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 A431 lysates (calculated MW of 49.4kDa according to NP_076927.1). Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse

EB08189 (0.1µg/ml) staining of A431 cell lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.