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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 GenelD(s): 64699

Non-Human GenelD(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-EKIVYHSKYKPKR, 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 (0.1 μ g/ml) staining of A431 cell lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.