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