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

Storage: For long-term storage
keep aliquots at -20°C. (Store no
longer than 12 months at 4°C).
Minimize freezing and thawing.

EB05341 - Goat Anti-Spinesin / TMPRSS5 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SPINESIN, MGC148044, MGC141886, transmembrane protease, serine 5 (spinesin), SPINESIN, TMPRSS5

Official Symbol: TMPRSS5

Accession Number(s): NP_110397.2

Human GeneID(s): [80975](#)

Immunogen

Peptide with sequence C-LDWIHDTAQDSLL, from the C Terminus of the protein sequence according to NP_110397.2.

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

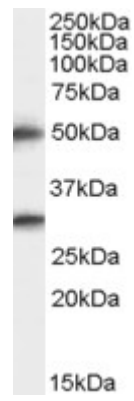
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Experiments gave bands at approx 50kDa and 29kDa in Human Brain (Cerebral Cortex) lysates and in Mouse and Rat Brain lysates after 0.5µg/ml antibody staining. These bands correspond to earlier findings in literature with different antibodies (Yamaguchi et al, J Biol Chem. 2002 Mar 1;277(9):6806-12; PMID: 11741986). This protein has a calculated MW of 49.6kDa according to NP_110397.1. Recommended concentration: 0.5-1.5µg/ml.

Species Reactivity

Tested: Human, Mouse, Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog



EB05341 staining (0.5 μ g/ml) of Human Brain (Cerebral Cortex) lysate (RIPA buffer, 35 μ g total protein per lane).
Primary incubated for 1 hour. Detected by western blot using chemiluminescence.