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Research Use Only. Not for diagnostic or therapeutic use.

EB05341 - Goat Anti-Spinesin / TMPRSS5 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

MGC141886, MGC148044, SPINESIN

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). 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.

IHC: Paraffin embedded Human Liver and Small Intestine. Recommended concentration: 5µg/ml.

Species Reactivity

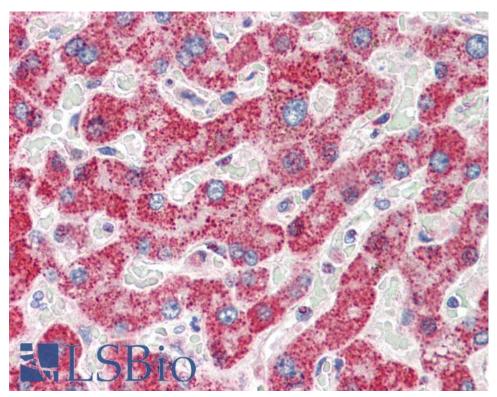
Tested: Human

Expected from sequence similarity: Human, Dog

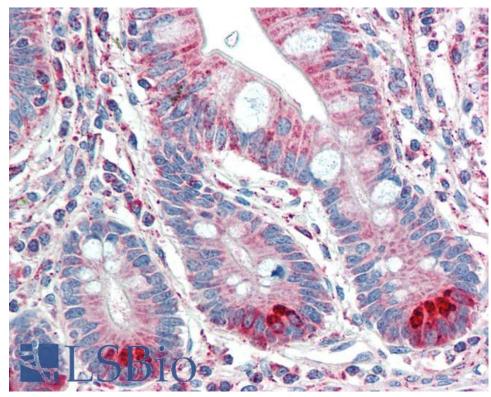


EB05341 staining (0.5μg/ml) of Human Brain (Cerebral Cortex) lysate (RIPA buffer, 35μg total protein per lane).

Primary incubated for 1 hour. Detected by chemiluminescence.



EB05341 (5µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB05341 ($5\mu g/ml$) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.