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Research Use Only. Not for diagnostic or therapeutic use.

EB08219 - Goat Anti-TMPRSS2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: transmembrane protease, serine 2, PRSS10, epitheliasin, TMPS2

Official Symbol: TMPRSS2

Accession Number(s): NP_005647.2

Human GeneID(s): 7113

Immunogen

Peptide with sequence C-TDWIYRQMRADG, from the internal region of the protein sequence according to NP_005647.2.

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 1:8000.

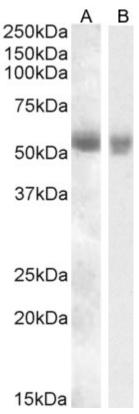
Western blot: Approx 55-60kDa band observed in Human Pancreas and Kidney lysates (calculated MW of 53.9kDa according to NP_005647.2). This molecular weight is routinely observed by other sources. Recommended concentration: 0.1-0.5μg/ml. Primary incubation 1 hour at room temperature.

IHC: Paraffin embedded Human Kidney. Recommended concentration: 6-8µg/ml.

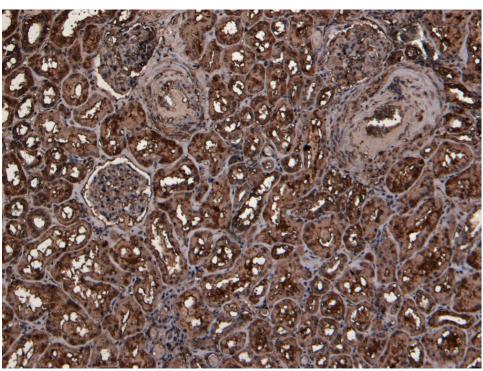
Species Reactivity

Tested: Human

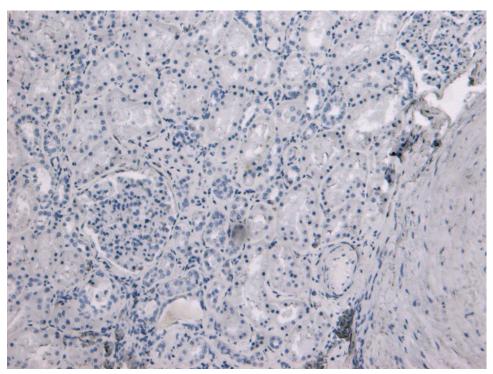
Expected from sequence similarity: Human



EB08219 (0.5μg/ml) staining of Human Pancreas and Kidney Lysates (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB08219 (8µg/ml) staining of paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB08219 Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody.