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EB07251 - Goat Anti-Prolyl Endopeptidase / PREP Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: PREP, prolyl endopeptidase, HGNC:9358, MGC16060, PE, PEP, OTTHUMP00000040498, dJ355L5.1 (prolyl endopeptidase), post-proline cleaving

enzyme

Official Symbol: PREP

Accession Number(s): NP_002717.3

Human GeneID(s): 5550

Non-Human GenelD(s): 19072 (mouse), 83471 (rat)

Immunogen

Peptide with sequence C-QYIVGRSRKQSNP, from the internal region of the protein sequence according to NP_002717.3.

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 1:16000.

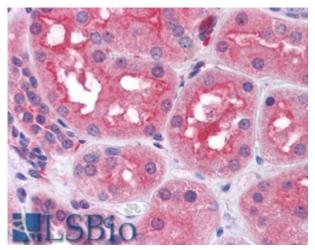
Western blot: Preliminary experiments gave an approx 45kDa band in Human Brain, Lymph Node, Spleen and Testis lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 80.7kDa according to NP_002717.3. The 45kDa band was successfully blocked by incubation with the immunizing peptide.

IHC: Paraffin embedded Human Kidney and Tonsil. Recommended concentration: 3.75µg/ml.

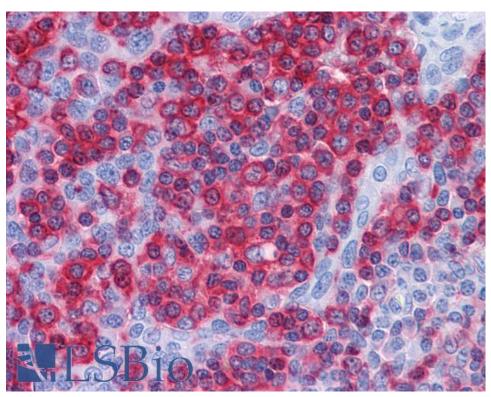
Species Reactivity

Tested: Human

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



 $EB07251\ (3.75\mu g/ml)\ staining\ of\ paraffin\ embedded\ Human\ Kidney.\ Steamed\ antigen\ retrieval\ with\ citrate\ buffer\ pH\ 6,\ AP-staining.$



EB07251 (3.75 μ g/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.