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Research Use Only. Not for diagnostic or therapeutic use.

EB11988 - Goat Anti-CAPN1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CAPN1, calpain 1, (mu/l) large subunit, CANP, CANP1, CANPL1, muCANP, muCL, CANP 1, calcium-activated neutral proteinase 1, calpain mu-type, calpain, large polypeptide L1, calpain-1 catalytic subunit, calpain-1 large subunit, cell proliferation-inducing gene 30 protein, cell proliferation-inducing protein 30,

micromolar-calpain

Official Symbol: CAPN1

Accession Number(s): NP_005177.2

Human GeneID(s): 823

Important Comments: Reported variants represent identical protein: NP_001185797.1,

NP_005177.2, NP_001185798.1.

Immunogen

Peptide with sequence C-SEKSAGTVELDD, from the internal region of the protein sequence according to NP_005177.2.

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: Approx 80kDa band observed in Human Kidney, Placenta and Spleen lysates (calculated MW of 81.9kDa according to NP_005177.2). Recommended

concentration: 0.3-1 μ g/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.

Species Reactivity

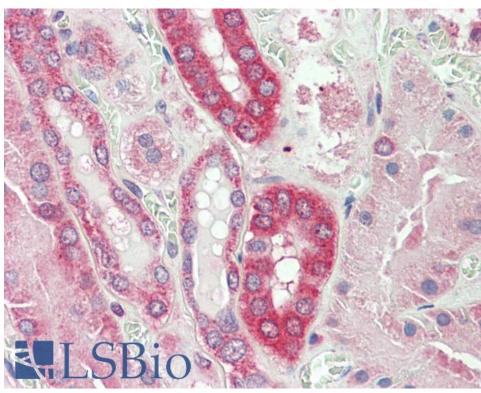
Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

15kDa

EB11988 (0.3µg/ml) staining of Human Spleen lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB11988 (5μg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.