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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.

EB05197 - Goat Anti-DUSP1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MKP1, serine/threonine specific protein phosphatase, PTPN10, MKP-1, CL100, HVH1, dual specificity phosphatase 1, DUSP1

Official Symbol: DUSP1

Accession Number(s): NP_004408.1

Human GeneID(s): [1843](#)

Non-Human GeneID(s): 19252 (mouse)

Immunogen

Peptide with sequence SYLQSPITTSPSC, from the C Terminus of the protein sequence according to NP_004408.1.

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. 40kDa band observed in Human lysates of HeLa (calculated MW of 39.3kDa according to NP_004408.1). Recommended concentration: 0.3-1µg/ml.

IHC: In paraffin embedded Human Prostate shows strong cytoplasm staining of secretory cells in the glands. Recommended concentration, 3-5µg/ml.

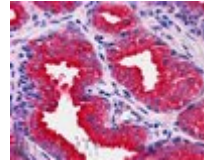
Species Reactivity

Tested: Human

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



EB05197 (0.3 μ g/ml) staining of HeLa lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.



EB05197 (3.8 μ g/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer
pH 6, AP-staining.