EB05197 - Goat Anti-DUSP1 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: DUSP1, dual specificity phosphatase 1, HVH1, CL100, MKP-1, PTPN10, serine/threonine specific protein phosphatase, MKP1
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 1:64000.
Western blot: Approx 40kDa band observed in lysates of HeLa (calculated MW of 39.3kDa according to NP_004408.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Rat Lung for this particular batch.
IHC: Paraffin embedded Human Prostate. Recommended concentration: 8µg/ml.

Species Reactivity

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

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EB05197 (1µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB05197 (8µg/ml) staining of paraffin embedded Human Prostate. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

EB05197 Negative Control showing staining of paraffin embedded Human Prostate, with no primary antibody.