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**Research Use Only. Not for
diagnostic or therapeutic use.**

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.

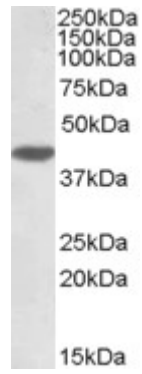
Western blot: Approx 40kDa band observed in lysates of HeLa (calculated MW of 39.3kDa according to NP_004408.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Rat Lung for this particular batch.

IHC: Paraffin embedded Human Prostate. Recommended concentration: 8µg/ml.

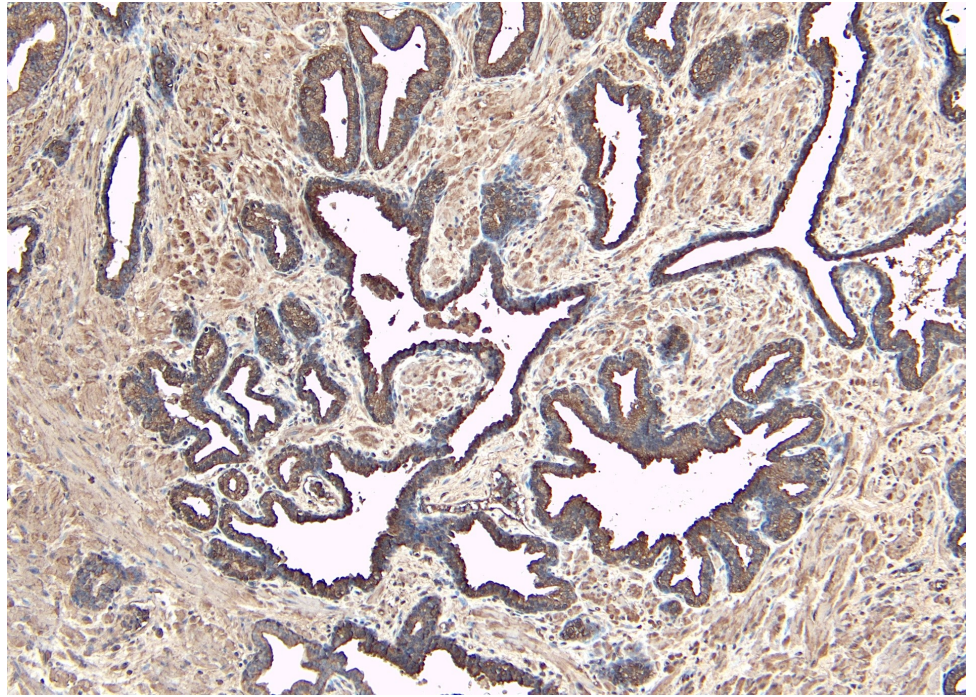
Species Reactivity

Tested: Human

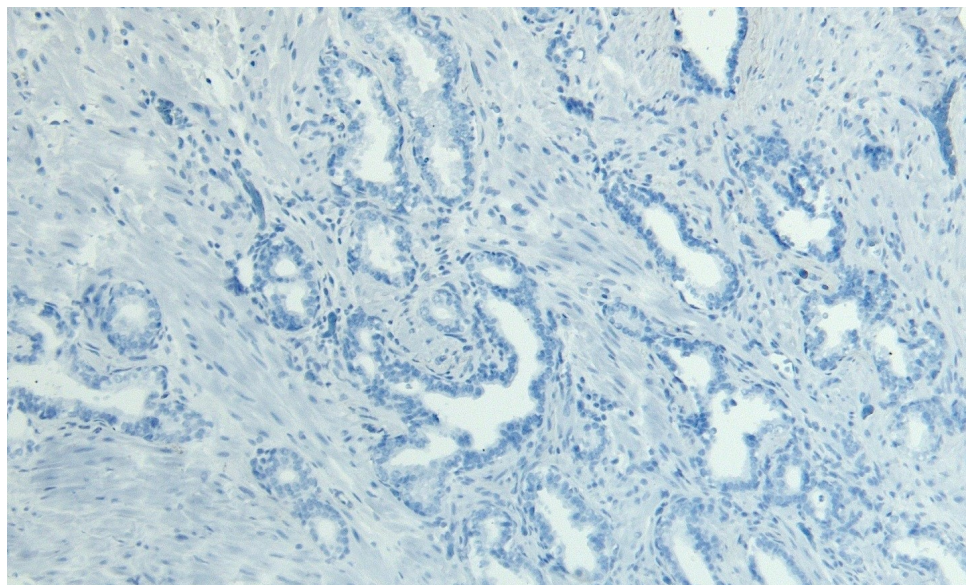
Expected from sequence similarity: Human, Dog, Cow, Mouse, Rat



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



EB05197 (8 μ g/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.