



## International Office

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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.

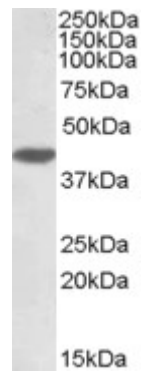
**Western blot:** Approx 40kDa band observed in lysates of HeLa (calculated MW of 39.3kDa according to NP\_004408.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Rat Lung for this particular batch.

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

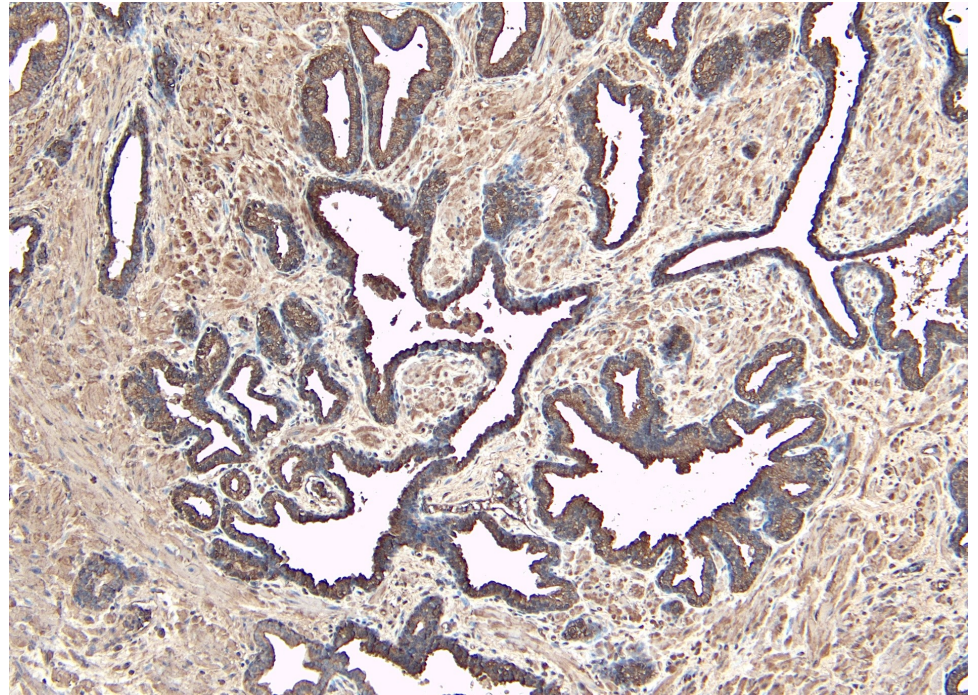
### Species Reactivity

**Tested:** Human

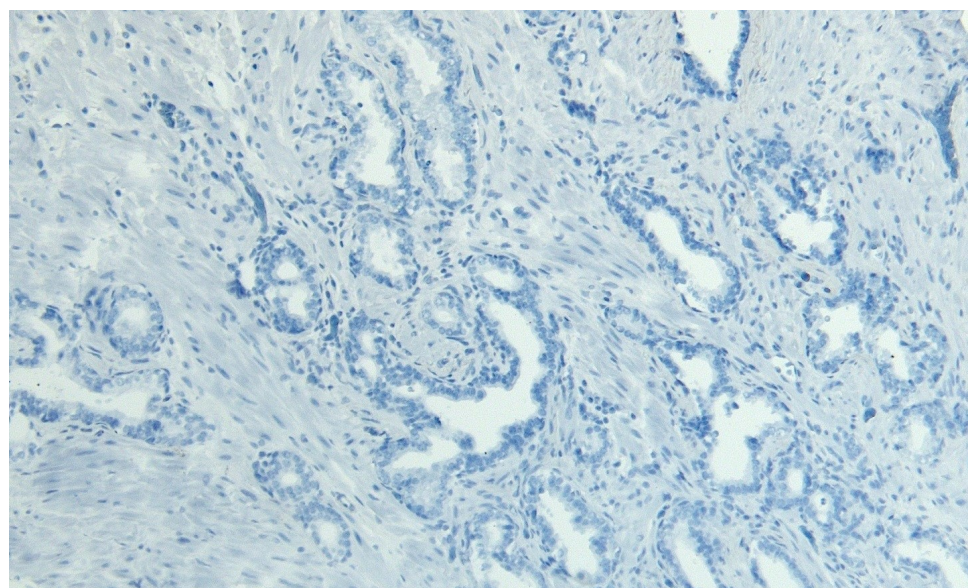
**Expected from sequence similarity:** Human, Dog, Cow, Mouse, Rat



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



EB05197 (8 $\mu$ 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.