

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre

77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

US Office

Everest Biotech c/o Abcore

405 Maple Street, Suite A106

Ramona, CA 92065 USA

Inquiries:

info@everestbiotech.com

Sales:

usasales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

www.everestbiotech.com

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 GenelD(s): 19252 (mouse)

Immunogen

 $\label{problem:probl$

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.

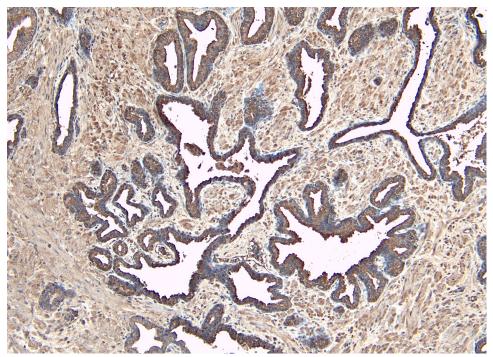
Species Reactivity

Tested: Human

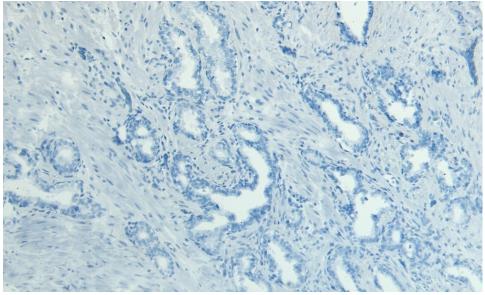
Expected from sequence similarity: Human, Dog, Cow, Mouse, Rat



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



EB05197 (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.