



## UK Office

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

## EB05321 - Goat Anti-DUSP10 / MKP5 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** DUSP10, MKP5, dual specificity phosphatase 10, MKP-5, dual specificity phosphatase MKP-5, serine/threonine specific protein phosphatase

**Official Symbol:** DUSP10

**Accession Number(s):** NP\_009138.1; NP\_653329.1; NP\_653330.1

**Human GeneID(s):** [11221](#)

**Important Comments:** This antibody is expected to recognise both reported Human isoforms. The variants NP\_653329.1 and NP\_653330.1 represent identical protein.

### Immunogen

Peptide with sequence CRILTPKLMGVETVV, from the C Terminus of the protein sequence according to NP\_009138.1; NP\_653329.1; NP\_653330.1.

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 1:8000.

**Western blot:** Approx 53kDa band seen in Human Liver lysate. Recommended for use at 0.5-2µg/ml.

### Species Reactivity

**Tested:** Human

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



EB05321 staining (0.5µg/ml) of Human Liver lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.