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# 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 GenelD(s): 11221

**Important Comments:** This antibody is expected to recognise both reported Human isofoms. 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**

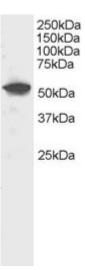
Peptide ELISA: antibody detection limit dilution 1:8000.

**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.