

International Office

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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): <u>11221</u>

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

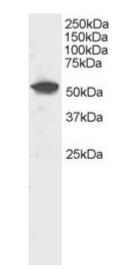
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

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.