

Goat anti-DUSP10 / MKP5 Antibody

Item Number	dAP-0069
Target Molecule	Principle Name: DUSP10 / MKP5; Official Symbol: DUSP10; All Names and Symbols: DUSP10; MKP5; dual specificity phosphatase 10; MKP-5; dual specificity phosphatase MKP-5; serine/threonine specific protein phosphatase; Accession Number (s): NP_009138.1; NP_653329.1; NP_653330.1; Human Gene ID (s): 11221; Non-Human GenelD(s):
Immunogen	CRIIPTPKLMGVETVV, is from C Terminus This antibody is expected to recognise both reported Human isoforms. The variants NP_653329.1 and NP_653330.1 represent identical protein.
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	Western Blot: Approx 53kDa band seen in Human Liver lysate. Recommended for use at 0.5-2µg/ml.
IHC	
Reference	Reference(s): Tanoue T, Moriguchi T, Nishida E. Molecular cloning and characterization of a novel dual specificity phosphatase, MKP-5. J Biol Chem. 1999 Jul 9;274(28):19949-56.. PMID: 10391943->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**