

## Goat anti-DUSP14 / MKP6 Antibody

Item Number	dAP-0173
Target Molecule	Principle Name: DUSP14 / MKP6; Official Symbol: DUSP14; All Names and Symbols: DUSP14; dual specificity phosphatase 14; MKP6; MKP-L; MKP-1 like protein tyrosine phosphatase; OTTHUOMP00000164064; OTTHUOMP00000164065; Accession Number (s): NP_008957.1; Human Gene ID(s): 11072; Non-Human GenelD(s): 56405 (mouse)
Immunogen	CEKESRHLMPYWG, is from C Terminus
Applications	Pep ELISA, IHC 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 32000.
Western Blot	Western Blot: No signal obtained yet but low background observed in Human Liver extracts at up to 1µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Testis. Recommended concentration: 3.5µg/ml.
Reference	Reference(s): Marti F, Krause A, Post NH, Lyddane C, Dupont B, Sadelain M, King PD. Negative-feedback regulation of CD28 costimulation by a novel mitogen-activated protein kinase phosphatase, MKP6. <i>J Immunol.</i> 2001 Jan 1;166(1):197-206.. PMID: 11123293->

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**