

Goat anti-DUSP6 / MKP3 Antibody

Item Number	dAP-2778
Target Molecule	Principle Name: DUSP6 / MKP3; Official Symbol: DUSP6; All Names and Symbols: DUSP6; dual specificity phosphatase 6; MKP3; PYST1; MAP kinase phosphatase 3; dual specificity protein phosphatase 6; dual specificity protein phosphatase PYST1; mitogen-activated protein kinase phosphatase 3; serine/threonine specific protein phosphatase; Accession Number (s): NP_001937.2; NP_073143.2; Human Gene ID(s): 1848; Non-Human GeneID(s): 67603 (mouse) 116663 (rat)
Immunogen	PSNQNVYQVDSLQST, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_001937.2; NP_073143.2).
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat, Pig
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 128000.
Western Blot	Western Blot: Approx 26kDa band observed in Mouse and Rat Heart lysates and 40kDa plus 26kDa bands observed in Human and Pig Heart lysates (calculated MW of 42.3kDa according to NP_001937.2 and 26.5kDa according to NP_073143.2). Recommended concentration
IHC	
Reference	Reference(s): Geetha N, Mihaly J, Stockenhuber A, Blasi F, Uhrin P, Binder BR, Freissmuth M, Breuss JM. Signal integration and coincidence detection in the mitogen-activated protein kinase/extracellular signal-regulated kinase (ERK) cascade: concomitant activation of receptor tyrosine kinases and of LRP-1 leads to

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 ender users! This product is sold for **Research Use Only**