

## Goat anti-MAP2K2 / MEK2 Antibody

<b>Item Number</b>	dAP-3000
<b>Target Molecule</b>	Principle Name: MAP2K2 / MEK2; Official Symbol: MAP2K2; All Names and Symbols: MAP2K2; mitogen-activated protein kinase kinase 2; MAPKK2; MEK2; MKK2; PRKMK2; ERK activator kinase 2; MAP kinase kinase 2; MAPK/ERK kinase 2; dual specificity mitogen-activated protein kinase kinase 2; mitogen-activated protein kinase kinase 2, p45; Accession Number (s): NP_109587.1; Human Gene ID(s): 5605; Non-Human GeneID(s):
<b>Immunogen</b>	DLKMLTNHTFIKRS, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: Approx 48kDa band observed in lysates of cell lines Daudi, Jurkat, K562 and Molt4 (calculated MW of 44.4kDa according to NP_109587.1). Recommended concentration: 0.1-0.3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Duhamel S, Hébert J, Gaboury L, Bouchard A, Simon R, Sauter G, Basik M, Meloche S. Sef downregulation by Ras causes MEK1/2 to become aberrantly nuclear localized leading to polyploidy and neoplastic transformation. Cancer Res. 2012 Feb 1;72(3):626-35..PMID: 22298595->

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**