



Goat anti-HPK1 / MAP4K1 Antibody

Item Number	dAP-0318
Target Molecule	Principle Name: HPK1 / MAP4K1; Official Symbol: MAP4K1; All Names and Symbols: MAP4K1; mitogen-activated protein kinase kinase kinase kinase 1; HPK1; hematopoietic progenitor kinase 1; Accession Number (s): NP_001036065.1; NP_009112.1; Human Gene ID(s): 11184; Non-Human GeneID(s):
Immunogen	DVVDPDIFNRDPR, is from N Terminus This antibody is expected to recognise isoform 1 (NP_001036065.1) and isoform 2 (NP_009112.1).
Applications	Pep ELISA, WB, 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: Approx 95-100kDa band observed in Jurkat (predicted MW of 96kDa according to NP_009112). Recommended for use at 0.5-2µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Thymus. Recommended concentration: 2.5µg/ml.
Reference	Reference(s): Hu MC, Qiu WR, Wang X, Meyer CF, Tan TH. Human HPK1, a novel human hematopoietic progenitor kinase that activates the JNK/SAPK kinase cascade. Genes Dev. 1996 Sep 15;10(18):2251-64..PMID: 8824585->

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**