

Goat anti-IP6K3 Antibody

Item Number	dAP-1869
Target Molecule	Principle Name: IP6K3 ; Official Symbol: IP6K3; All Names and Symbols: IP6K3; inositol hexakisphosphate kinase 3; IHPK3; INSP6K3; MGC102928; ATP:1D-myo-inositol-hexakisphosphate phosphotransferase; InsP6 kinase 3; OTTHUMP0000016212; inositol hexaphosphate kinase 3; Accession Number (s): NP_473452.2; Human Gene ID(s): 117283; Non-Human GeneID(s): 271424 (mouse) 688862 (rat)
Immunogen	RLCSEYPENKRHR, is from internal region
Applications	Pep ELISA Species Tested:
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: Preliminary experiments gave an approx 37kDa band in Human Brain (Cerebral Cortex and Hippocampus) and Mouse Brain lysates after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the
IHC	
Reference	Reference(s): Saiardi A, Nagata E, Luo HR, Snowman AM, Snyder SH, Identification and characterization of a novel inositol hexakisphosphate kinase J Biol Chem. 2001 Oct 27; 276(42): 39179-85. PMID: 11502751->

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**