

Goat anti-AAK1 Antibody

Item Number	dAP-1912
Target Molecule	Principle Name: AAK1; Official Symbol: AAK1; All Names and Symbols: AAK1; AP2 associated kinase 1; DKFZp686F03202; DKFZp686K16132; FLJ23712; FLJ25931; FLJ31060; FLJ42882; FLJ45252; KIAA1048; MGC138170; MGC164568; MGC164570; adaptor-associated kinase 1; Accession Number (s): NP_055726.3; Human Gene ID(s): 22848; Non-Human GeneID(s): 269774 (mouse) 500244 (rat)
Immunogen	GSPRTSQQNVYNPSE, is from internal region
Applications	Pep ELISA, WB 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 16000.
Western Blot	Western Blot: Approx 100kDa band observed in Human Brain (Amygdala and Cerebellum) lysates (calculated MW of 104kDa according to NP_055726.3). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Henderson DM, Conner SD, A novel AAK1 splice variant functions at multiple steps of the endocytic pathway. Mol Biol Cell. 2007 Jul;18(7):2698-706. PMID: 17494869->

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**