

Goat anti-OPRK1 Antibody

Item Number	dAP-2287
Target Molecule	Principle Name: OPRK1; Official Symbol: OPRK1; All Names and Symbols: OPRK1; opioid receptor, kappa 1; KOR; OPRK; Opiate receptor, kappa-1; kappa opioid receptor; Accession Number (s): NP_000903.2; Human Gene ID(s): 4986; Non-Human GeneID(s): 18387 (mouse) 29335 (rat)
Immunogen	PAYLRDIDGMNKP, is from C Terminus
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 45kDa band observed in Human Brain (Cerebral Cortex) lysates (calculated MW of 42.6kDa according to NP_000903.2). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Li JG, Chen C, Liu-Chen LY. N-Glycosylation of the human kappa opioid receptor enhances its stability but slows its trafficking along the biosynthesis pathway. <i>Biochemistry</i> . 2007 Sep 25;46(38):10960-70. Epub 2007 Aug 21.. PMID: 17711303->

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**