



Goat anti-PROKR2 Antibody

Item Number	dAP-1942
Target Molecule	Principle Name: PROKR2; Official Symbol: PROKR2; All Names and Symbols: PROKR2; prokineticin receptor 2; GPR73L1; GPR73b; GPRg2; KAL3; PKR2; dJ680N4.3; G protein-coupled receptor 73-like 1; OTTHUMP00000030192; Accession Number (s): NP_658986.1; Human Gene ID(s): 128674; Non-Human GeneID(s): 192649 (rat)
Immunogen	NGNTSFTPNNF, is from internal region
Applications	Pep ELISA, WB, IHC Species Tested: Human, Rat
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 45kDa band observed in Human Brain (Cerebellum), Testis and Thyroid Gland and in Rat Brain, Stomach and Testis lysates (calculated MW of 44.0kDa according to Human NP_658986.1 and 47.9kDa according to Rat NP_620434.1). Recommended c
IHC	Immunohistochemistry: Paraffin embedded Human Brain (Cortex). Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Monnier C, Dodé C, Fabre L, Teixeira L, Labesse G, Pin JP, Hardelin JP, Rondard P. PROKR2 missense mutations associated with Kallmann syndrome impair receptor signalling activity. Human molecular genetics 2009 Jan 18 (1): 75-81..PMID: 18826963->

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**