



## Goat anti-Prokineticin 2 Antibody

<b>Item Number</b>	dAP-1964
<b>Target Molecule</b>	Principle Name: Prokineticin 2; Official Symbol: PROK2; All Names and Symbols: PROK2; prokineticin 2; BV8; KAL4; MIT1; PK2; protein Bv8 homolog; Accession Number (s): NP_001119600.1; Human Gene ID (s): 60675; Non-Human GeneID(s):
<b>Immunogen</b>	HPLTRKNNFGNGRQE, is from internal region This antibody is expected to recognize isoform a (NP_001119600.1).
<b>Applications</b>	Pep ELISA, IHC  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Preliminary experiments in Human Ileum lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml).
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Testis. Recommended concentration: 3.75µg/ml.
<b>Reference</b>	Reference(s): Pitteloud N, Zhang C, Pignatelli D, Li JD, Raivio T, Cole LW, Plummer L, Jacobson-Dickman EE, Mellon PL, Zhou QY, Crowley WF, Loss-of-function mutation in the prokineticin 2 gene causes Kallmann syndrome and normosmic idiopathic hypogonadotropic hypogonadism. Proc. Natl. Acad. Sci. U.S.A.

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**