

Datasheet for ABIN571064

anti-Prokineticin Receptor 2 antibody (Internal Region)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Prokineticin Receptor 2 (PROKR2)
Binding Specificity:	Internal Region
Reactivity:	Human, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Prokineticin Receptor 2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	PROKR2
Immunogen:	Peptide with sequence C-NGNTSFTPNFN, from the internal region of the protein sequence according to NP_658986.1.
Sequence:	NGNTSFTPNF N
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	Prokineticin Receptor 2 (PROKR2)
Alternative Name:	PROKR2 (PROKR2 Products)
Background:	PROKR2, prokineticin receptor 2, GPR73L1, GPR73b, GPRg2, KAL3, PKR2, dJ680N4.3, G protein-coupled receptor 73-like 1, OTTHUMP00000030192
Gene ID:	128674, 192649
NCBI Accession:	NP_658986
Pathways:	Hedgehog Signaling , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Myometrial Relaxation and Contraction , G-protein mediated Events , Interaction of EGFR with phospholipase C-gamma

Application Details

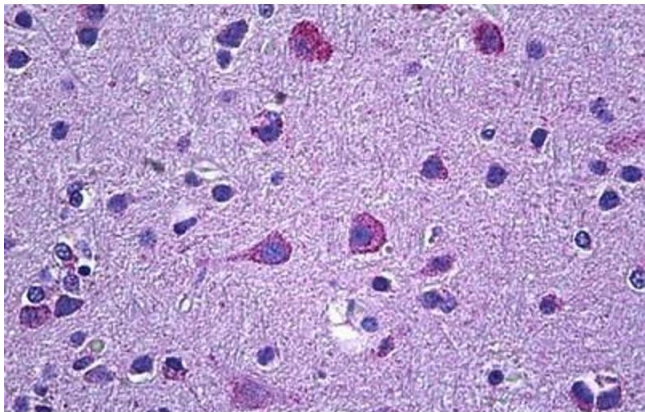
Application Notes:	Immunohistochemistry: Paraffin embedded Human Brain (Cortex). Recommended concentration: 3.75 µg/mL. Western Blot: Approx 45 kDa band observed in Human Brain (Cerebellum), Testis and Thyroid Gland and in Rat Brain, Stomach and Testis lysates (calculated MW of 44.0 kDa according to Human NP_658986.1 and 47.9 kDa according to Rat NP_620434.1). Recommended c Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

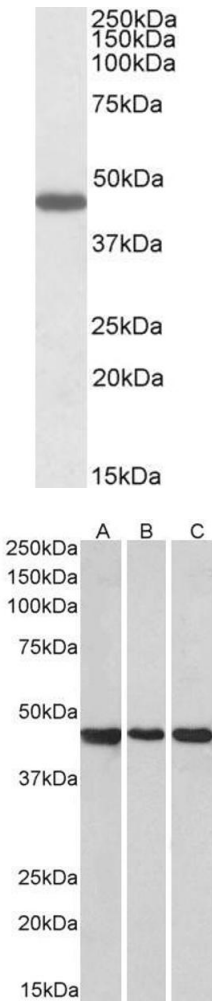
at 4°C for a few weeks and still remain viable.

Images



Immunohistochemistry

Image 1. ABIN571064 (3.75µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN571064 (1µg/ml) staining of Rat Stomach lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

Western Blotting

Image 3. ABIN571064 (0.1µg/ml) staining of Human Cerebellum (A), Rat Brain (B) and Rat Testis (C) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.