

Prokineticin 2 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3069a

Specification

Prokineticin 2 Antibody (internal region) - Product Information

Application	E
Primary Accession	O9HC23
Other Accession	NP_001119600.1 , 60675
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	14314

Prokineticin 2 Antibody (internal region) - Additional Information

Gene ID 60675

Other Names

Prokineticin-2, PK2, Protein Bv8 homolog, PROK2, BV8

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Prokineticin 2 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Prokineticin 2 Antibody (internal region) - Protein Information

Name PROK2

Synonyms BV8

Function

May function as an output molecule from the suprachiasmatic nucleus (SCN) that transmits behavioral circadian rhythm. May also function locally within the SCN to synchronize output. Potently contracts gastrointestinal (GI) smooth muscle.

Cellular Location

Secreted.

Tissue Location

Expressed in the testis and, at low levels, in the small intestine

Prokineticin 2 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Prokineticin 2 Antibody (internal region) - Images**Prokineticin 2 Antibody (internal region) - Background**

This antibody is expected to recognize isoform a (NP_001119600.1).

Prokineticin 2 Antibody (internal region) - References

Loss-of-function mutation in the prokineticin 2 gene causes Kallmann syndrome and normosmic idiopathic hypogonadotropic hypogonadism. Pitteloud N, Zhang C, Pignatelli D, Li JD, Raivio T, Cole LW, Plummer L, Jacobson-Dickman EE, Mellon PL, Zhou QY, Crowley WF, Proc. Natl. Acad. Sci. U.S.A. 2007 Oct 104 (44): 17447-52. PMID: 17959774