



## Prokineticin 2 Antibody

CATALOG NUMBER: 42-268

### Specifications

#### SPECIES REACTIVITY:

**TESTED APPLICATIONS:** ELISA

**APPLICATIONS:** ELISA: Antibody detection limit dilution 1:32000. Western Blot: Preliminary experiments in human Ileum lysates gave no specific signal but low background (at antibody concentration up to 1 ug/mL).

**SPECIFICITY:** This antibody is expected to recognize isoform a (NP\_001119600.1).

**IMMUNOGEN:** Prokineticin 2 antibody was raised against a 15 amino acid synthetic peptide near the internal region of Prokineticin 2.

**HOST SPECIES:** Goat

### Properties

**PURIFICATION:** Prokineticin 2 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**PHYSICAL STATE:** Liquid

**BUFFER:** Prokineticin 2 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.

**CONCENTRATION:** 500 ug/mL

**STORAGE CONDITIONS:** Aliquot and store at -20°C. Minimize freezing and thawing.

**CLONALITY:** Polyclonal

**CONJUGATE:** Unconjugated

### Additional Info

**ALTERNATE NAMES:** Prokineticin 2, protein Bv8 homolog, PK2, MIT1, KAL4, BV8, prokineticin 2, PROK2

**ACCESSION NO.:** NP\_001119600.1,

**PROTEIN GI NO.:** 187167261

**OFFICIAL SYMBOL:** PROK2

**GENE ID:** 60675

### Background

**REFERENCES:** 1) 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. 2007 Oct 104 (44): 17447-52.

FOR RESEARCH USE ONLY

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