SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

Recombinant Anti-Human prok2 Antibody

Cat. No.: **MOM-18295**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody binds selectively to Human PROK2, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

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.

Specific Activity

Tested positive against native antigen.

Target

PROK2

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.

Applications

Suitable for use in IP, IF, FuncS, FC, Neut, ELISA, ICC and most other immunological methods.

Storage

Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

ANTIGEN GENE INFOMATION

Gene Name

PROK2 prokineticin 2 [Homo sapiens]

Official Symbol

PROK2

Synonyms

PROK2; prokineticin 2; prokineticin-2; BV8; KAL4; MIT1; PK2; protein Bv8 homolog

Gene ID

60675

mRNA Refseq

NM_001126128

Protein Refseq

NP_001119600

MIM

607002

UniProt ID

Q9HC23

Chromosome Location

3p21.1

Pathway

Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Peptide ligand-binding receptors, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by GPCR, organism-specific biosystem;

Function

G-protein coupled receptor binding;

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