

PROK2

Reactivity:Human Mouse

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:100

Calculated MW:14kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human PROK2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

BV8; HH4; PK2; KAL4; MIT1;

Catalog #:A6705

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:60675

Isotype:IgG

Swiss Prot:Q9HC23

Purity:Affinity purification

For research use only.

Background:

This gene encodes a protein expressed in the suprachiasmatic nucleus (SCN) circadian clock that may function as the output component of the circadian clock. The secreted form of the encoded protein may also serve as a chemoattractant for neuronal precursor cells in the olfactory bulb. Proteins from other vertebrates which are similar to this gene product were isolated based on homology to snake venom and secretions from frog skin, and have been shown to have diverse functions. Mutations in this gene are associated with Kallmann syndrome 4. Multiple transcript variants encoding different isoforms have been found for this gene.

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