

**PROK2 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58312**

## Specification

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### PROK2 Polyclonal Antibody - Product Information

|                   |                        |
|-------------------|------------------------|
| Application       | IHC-P                  |
| Primary Accession | <a href="#">O9HC23</a> |
| Reactivity        | Rat, Pig               |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 14314                  |

### PROK2 Polyclonal Antibody - Additional Information

**Gene ID** 60675

#### Other Names

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

#### Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

#### Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

### PROK2 Polyclonal Antibody - 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

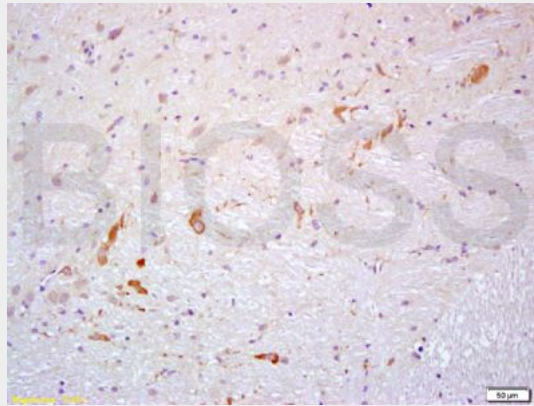
Expressed in the testis and, at low levels, in the small intestine

### PROK2 Polyclonal Antibody - 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](#)

#### **PROK2 Polyclonal Antibody - Images**



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-PROK2/Prokineticin 2 Polyclonal Antibody, Unconjugated(bs-5784R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining