

**PHOX2B Antibody**  
Rabbit mAb  
Catalog # AP91774

## Specification

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### PHOX2B Antibody - Product Information

|   |                        |
|---|------------------------|
| Application                                     | WB, IHC, ICC           |
| Primary Accession                               | <a href="#">O99453</a> |
| Clonality                                       | Monoclonal             |
| <b>Other Names</b>                              |                        |
| NBLST2; NBPhox; PHOX 2B; PHOX2B; PMX 2B; PMX2B; |                        |
| Isotype   | Rabbit IgG             |
| Host  | Rabbit                 |
| Calculated MW                                   | 31621 Da               |

### PHOX2B Antibody - Additional Information

|                              |  |
|------------------------------|--|
| Purification                 | Affinity-chromatography  |
| Immunogen                    | A synthesized peptide derived from human PHOX2B  |
| Description                  | Involved in the development of several major noradrenergic neuron populations, including the locus coeruleus. Transcription factor which could determine a neurotransmitter phenotype in vertebrates. Enhances second-messenger-mediated activation of the dopamine beta-hydrolase and c-fos promoters, and of several enhancers including cAMP-response element and serum-response element. |
| Storage Condition and Buffer | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.  |

### PHOX2B Antibody - Protein Information

**Name** PHOX2B

**Synonyms** PMX2B

#### Function

Involved in the development of several major noradrenergic neuron populations, including the locus coeruleus. Transcription factor which could determine a neurotransmitter phenotype in vertebrates. Enhances second-messenger-mediated activation of the dopamine beta- hydrolase and c-fos promoters, and of several enhancers including cAMP- response element and

serum-response element.

#### Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108}.

#### Tissue Location

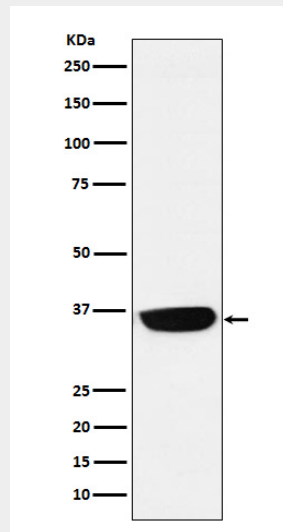
Expressed in neuroblastoma, brain and adrenal gland

### PHOX2B 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](#)

### PHOX2B Antibody - Images



Western blot analysis of PHOX2B expression in Neuro-2a cell lysate.