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PHOX2B Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF2868a

Specification

PHOX2B Antibody (internal region) - Product Information

Application	**E**
Primary Accession	Q99453
Other Accession	NP_003915.2, 8929, 18935 (mouse)
Predicted	**Human, Mouse**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**31621**

PHOX2B Antibody (internal region) - Additional Information

Gene ID 8929

Other Names
Paired mesoderm homeobox protein 2B, Neuroblastoma Phox, NBPhox, PHOX2B homeodomain protein, Paired-like homeobox 2B, PHOX2B, PMX2B

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
PHOX2B Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

PHOX2B Antibody (internal region) - 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 (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PHOX2B Antibody (internal region) - Images

PHOX2B Antibody (internal region) - References

Metrics of sequence constraint overlook regulatory sequences in an exhaustive analysis at phox2b. McGaughey DM, Vinton RM, Huynh J, Al-Saif A, Beer MA, McCallion AS. Genome Res. 2008 Feb;18(2):252-60. Epub 2007 Dec 10. PMID: 18071029