

PHOX2A (aa165-179) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3793a**Specification**

PHOX2A (aa165-179) Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	O14813
Other Accession	NP_005160.2 , 401
Reactivity	Human
Predicted	Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	29653

PHOX2A (aa165-179) Antibody (internal region) - Additional Information**Gene ID** 401**Other Names**

Paired mesoderm homeobox protein 2A, ARIX1 homeodomain protein, Aristaless homeobox protein homolog, Paired-like homeobox 2A, PHOX2A, ARIX, PMX2A

Dilution

WB~~1:1000

E~~N/A

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

PHOX2A (aa165-179) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

PHOX2A (aa165-179) Antibody (internal region) - Protein Information**Name** PHOX2A**Synonyms** ARIX, PMX2A**Function**

May be involved in regulating the specificity of expression of the catecholamine biosynthetic genes. Acts as a transcription activator/factor. Could maintain the noradrenergic phenotype.

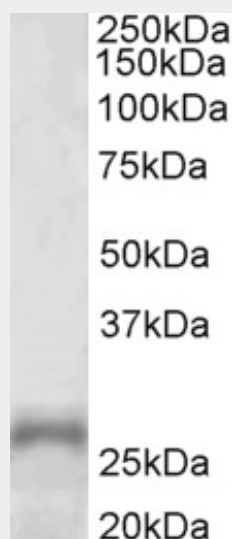
Cellular Location

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

PHOX2A (aa165-179) 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 Cytometry](#)
- [Cell Culture](#)

PHOX2A (aa165-179) Antibody (internal region) - Images

AF3793a (1 µg/ml) staining of Human Adrenal Gland lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

PHOX2A (aa165-179) Antibody (internal region) - References

Effects of transcription factors Phox2 on expression of norepinephrine transporter and dopamine beta-hydroxylase in SK-N-BE(2)C cells. Fan Y, Huang J, Kieran N, Zhu MY. J Neurochem. 2009 Sep;110(5):1502-13. PMID: 19573018