

DNAxPAb

Hard-to-Find  
Antibody

# PHOX2A DNAxPab

Catalog # H00000401-W01P      Size 200 ug

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against a full-length human PHOX2A DNA using DNAx™ Immune technology.
<b>Technology</b>	<a href="#">DNAx™ Immune</a>
<b>Immunogen</b>	Full-length human DNA
<b>Sequence</b>	MDYSYLNsyDSCVAAMEASAYGDFGACSQPGGFQYSPLRPAFPAAGPPCPALGSSNCALGALR DHQPAPYSAVPYKFFPEPSGLHEKRKQRRIRTTFTSAQLKELERVFAETHYPDIYTREELALKIDLT EARVQVWFQNRRAKFRKQERAASAKGAAGAAGAKKGEARCSSEDDDSKESTCSPTPDSTASL PPPPAPGLASPRLSPLPVALGSGPGPGPGPQLKGALWAGVAGGGGGGPGAGAAELLKAW QPAESGPGPFSGVLSSFHRKPGPALKTNLF
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)  
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — PHOX2A

Entrez GeneID [401](#)

GeneBank Accession# [NM\\_005169.2](#)

Protein Accession# [NP\\_005160.2](#)

Gene Name PHOX2A

Gene Alias ARIX, CFEOM2, FEOM2, MGC52227, NCAM2, PMX2A

Gene Description paired-like homeobox 2a

Omim ID [602078 602753](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene contains a paired-like homeodomain most similar to that of the Drosophila aristaless gene product. The encoded protein plays a central role in development of the autonomic nervous system. It regulates the expression of tyrosine hydroxylase and dopamine beta-hydroxylase, two catecholaminergic biosynthetic enzymes essential for the differentiation and maintenance of the noradrenergic neurotransmitter phenotype. The encoded protein has also been shown to regulate transcription of the alpha3 nicotinic acetylcholine receptor gene. Mutations in this gene have been associated with autosomal recessive congenital fibrosis of the extraocular muscles. [provided by RefSeq]

**Other Designations** aristaless homeobox homolog|arix homeodomain protein

## Disease

- [Sudden Infant Death](#)