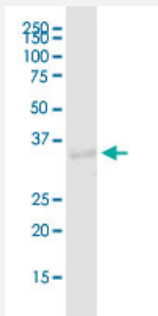


# PHOX2A (Human) IP-WB Antibody Pair

Catalog # H00000401-PW2

Size 1 Set

## Applications



Immunoprecipitation of PHOX2A transfected lysate using rabbit polyclonal anti-PHOX2A and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-PHOX2A.

## Specification

<b>Product Description</b>	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
<b>Reactivity</b>	Human
<b>Quality Control Testing</b>	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of PHOX2A transfected lysate using rabbit polyclonal anti-PHOX2A and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with mouse purified polyclonal anti-PHOX2A.
<b>Supplied Product</b>	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-PHOX2A (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-PHOX2A (50 ug)
<b>Storage Instruction</b>	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

## Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

## Gene Info — PHOX2A

**Entrez GeneID** [401](#)**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](#)