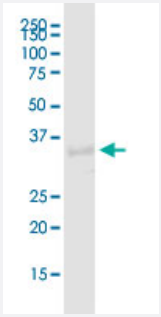
MaxPab®

PHOX2A MaxPab rabbit polyclonal antibody (D01)

Catalog # H00000401-D01 Size 100 uL

Applications



Immunoprecipitation

Immunoprecipitation of PHOX2A transfected lysate using anti-PHOX2A MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with (H00000401-B01P).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PHOX2A protein.
Immunogen	PHOX2A (NP_005160.2, 1 a.a. ~ 284 a.a) full-length human protein.
Sequence	MDYSYLNSYDSCVAAMEASAYGDFGACSQPGGFQYSPLRPAFPAAGPPCPALGSSNCALGALR DHQPAPYSAVPYKFFPEPSGLHEKRKQRRIRTTFTSAQLKELERVFAETHYPDIYTREELALKIDLT EARVQVWFQNRRAKFRKQERAASAKGAAGAAGAKKGEARCSSEDDDSKESTCSPTPDSTASL PPPPAPGLASPRLSPSPLPVALGSGPGPGPGPQPLKGALWAGVAGGGGGGPGAGAAELLKAW QPAESGPGPFSGVLSSFHRKPGPALKTNLF
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunoprecipitation

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  Protocol Download

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 th e autonomic nervous system. It regulates the expression of tyrosine hydroxylase and dopamine be ta-hydroxylase, two catecholaminergic biosynthetic enzymes essential for the differentiation and maintenance of the noradrenergic neurotransmitter phenotype. The encoded protein has also bee n shown to regulate transcription of the alpha3 nicotinic acetylcholine receptor gene. Mutations in t his gene have been associated with autosomal recessive congenital fibrosis of the extraocular m uscles. [provided by RefSeq
Other Designations	aristaless homeobox homolog|arix homeodomain protein

Disease

- Sudden Infant Death