

## PHOX2A Rabbit pAb

db1486

Package : 20µL 50µL 100µL

**Product Name** : PHOX2A Rabbit pAb**Cat.No.:** db1486**Synonyms** : ARIX; FEOM2; NCAM2; PMX2A; CFEOM2**Application** : WB, ICC/IF**Reactivity** : Human, Mouse**Host species** : Rabbit**Background**

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, Jul 2008]

**Immunogen**

A synthetic peptide of human PHOX2A

**Gene ID**

401

**Swiss Prot**

O14813

**Synonyms**

ARIX; FEOM2; NCAM2; PMX2A; CFEOM2

**Reactivity**

Human, Mouse

**Application**

WB, ICC/IF

**Recommended dilution**

WB: 1:1000-1:5000

ICC/IF: 1:20-1:50

**Calculated MW**

30 kDa

**Observed MW**

30 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

**Isotype**

IgG

**Purity**

Affinity Purification

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**Conjugation**

Un-conjugated

**Storage Stability**

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.