

Product datasheet for TA343509

PHOX2A Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-PHOX2A antibody: synthetic peptide directed towards the C terminal

of human PHOX2A. Synthetic peptide located within the following region: VAGGGGGGPGAGAAELLKAWQPAESGPGPFSGVLSSFHRKPGPALKTNLF

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified

Conjugation: Unconjugated

Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 30 kDa

Gene Name: paired like homeobox 2a

Database Link: NP 005160

Entrez Gene 401 Human

<u>O14813</u>



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PHOX2A Rabbit Polyclonal Antibody - TA343509

Background: PHOX2A 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. PHOX2A has also been shown to regulate transcription of the alpha3 nicotinic acetylcholine receptor

gene.

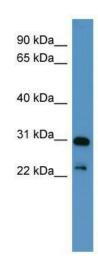
Synonyms: ARIX; CFEOM2; FEOM2; NCAM2; PMX2A

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%

Protein Families: Transcription Factors

Product images:



WB Suggested Anti-PHOX2A Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive

Control: MCF7 cell lysate