

Product Name: PHOX2B Rabbit Monoclonal Antibody**Catalog #: AMRe86694**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ICC/IF 1:100-1:200
Molecular Weight	Calculated MW:32 kDa; Observed MW:37 kDa

Antigen Information

Gene Name	PHOX2B
Alternative Names	PMX2B; NBLST2; NBPhox
Gene ID	8929
SwissProt ID	Q99453
Immunogen	A synthetic peptide of human PHOX2B

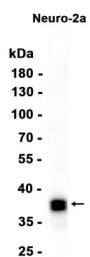
Background

The DNA-associated protein encoded by this gene is a member of the paired family of homeobox proteins localized to the nucleus. The protein functions as a transcription factor involved in the development of several major noradrenergic neuron

populations and the determination of neurotransmitter phenotype. The gene product is linked to enhancement of second messenger-mediated activation of the dopamine beta-hydroxylase, c-fos promoters and several enhancers, including cyclic amp-response element and serum-response element. Expansion of a 20 amino acid polyalanine tract in this protein by 5-13 aa has been associated with congenital central hypoventilation syndrome. [provided by RefSeq, Jul 2016]

Research Area

Image Data



Western blot analysis of extracts from Neuro-2a cells using PHOX2B Rabbit Monoclonal Antibody at 1:1000.