

Datasheet for ABIN6145577
anti-PHOX2B antibody (AA 1-90)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	PHOX2B
Binding Specificity:	AA 1-90
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHOX2B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-90 of human PHOX2B (NP_003915.2).
Sequence:	MYKMEYSYLN SSAYESCMAG MDTSSLASAY ADFSSCSQAS GFQYNPIRTT FGATSGCPSL TPGSCSLGTL RDHQSSPYAA VPYKLFTDHG
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	PHOX2B
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Target Details

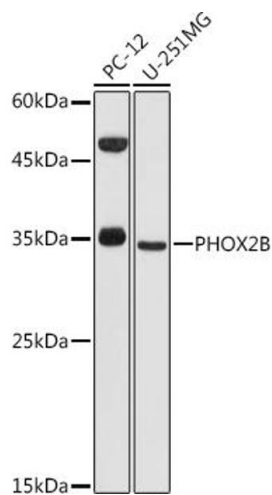
Alternative Name:	PHOX2B (PHOX2B Products)
Background:	<p>The DNA-associated protein encoded by this gene is a member of the paired family of homeobox proteins localized to the nucleus. The protein functions as a transcription factor involved in the development of several major noradrenergic neuron populations 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.,PHOX2B,NBLST2,NBPhox,PMX2B,Epigenetics & Nuclear Signaling,Transcription Factors,Signal Transduction,Neuroscience,PHOX2B</p>
Molecular Weight:	31 kDa
Gene ID:	8929
UniProt:	Q99453

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using PHOX2B antibody (ABIN6132489, ABIN6145577, ABIN6145578 and ABIN6225067) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.