

Datasheet for ABIN5671377
anti-PHOX2B antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	PHOX2B
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human PHX2B
Sequence:	RAAAAAAAAA KNGSSGKKSD SSRDDESKEA KSTDPDSTGG PGPNNPTPS
Characteristics:	This is a rabbit polyclonal antibody against PHX2B. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	PHOX2B
Alternative Name:	PHX2B (PHOX2B Products)
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

Target Details

second messenger-mediated activation of the dopamine beta-hydroxylase, c-fos promoters and several enhancers, including cyclic amp-response element and serum-response element.

Alias Symbols: PHOX2B, PMX2B,

Protein Interaction Partner: UBC,

Protein Size: 314

Gene ID: 8929

NCBI Accession: [NP_003915](#)

UniProt: [Q99453](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

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

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: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.