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Datasheet for ABIN308465

**anti-PHOX2B antibody (Internal Region)**

## Overview

Quantity:	100 µg
Target:	PHOX2B
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PHOX2B antibody is un-conjugated
Application:	ELISA

## Product Details

Purpose:	PHOX2B
Immunogen:	Peptide with sequence C-SRDESKEAKSTDP, from the internal region of the protein sequence according to NP_003915.2.
Sequence:	SRDESKEAK STDP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

## Target Details

Target:	PHOX2B
Alternative Name:	PHOX2B ( <a href="#">PHOX2B Products</a> )
Background:	PHOX2B, paired-like homeobox 2b, NBPhox, PMX2B, PHOX2B homeodomain protein, neuroblastoma paired-type homeobox protein, paired mesoderm homeobox 2b
Gene ID:	8929, 18935
NCBI Accession:	<a href="#">NP_003915</a>

## Application Details

Application Notes:	Western Blot: Preliminary experiments in Human Brain (Cerebellum) lysates gave no specific signal but low background (at antibody concentration up to 1 µg/mL). We would appreciate any feedback from people in the field - have any results been reported with Peptide ELISA: antibody detection limit dilution 1:1000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.