

## CAB21990

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### Product Information

<b>Product SKU:</b> CAB21990	<b>Gene ID:</b> 8929	<b>Size:</b> 20uL, 100uL
<b>Clone No:</b> -	<b>Host Species:</b> Rabbit	<b>Reactivity:</b> Human, Mouse

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### Additional Information

<b>Observed MW:</b> 37kDa	<b>Conjugate:</b> Unconjugated
<b>Calculated MW:</b> 32kDa	<b>Isotype:</b> IgG

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### Immunogen Information

**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 polyaniline tract in this protein by 5-13 aa has been associated with congenital central hypoventilation syndrome.

**Recommended Dilution:** WB, 1:500 - 1:1000

**Synonyms:** CCHS; PMX2B; NBLST2; NBPhox; PHOX2B

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 260-314 of human PHOX2B (NP\_003915.2).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.