

Rabbit PHOX2B Polyclonal Antibody | anti-PHOX2B antibody

PHOX2B Polyclonal Antibody

CATALOG # AAA311701	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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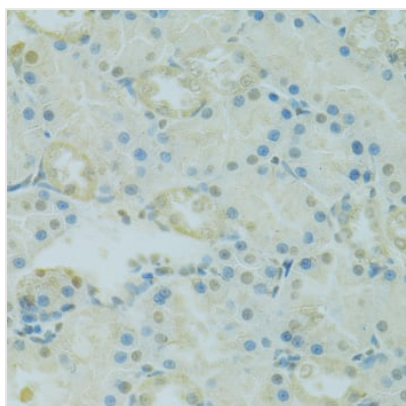
PRODUCT SYNONYMS

PHOX2B; Polyclonal Antibody; PHOX2B Polyclonal Antibody; NBLST2; NBPhox; PMX2B; paired like homeobox 2b; anti-PHOX2B antibody

PRODUCT SPECIFICATIONS

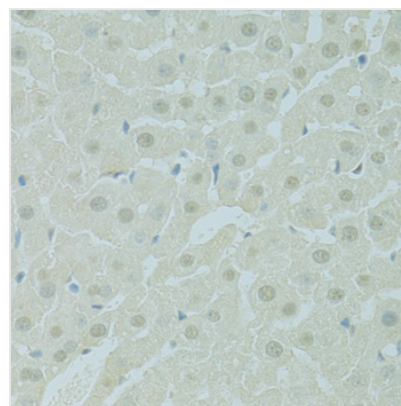
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-PHOX2B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human PHOX2B (NP_003915.2).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



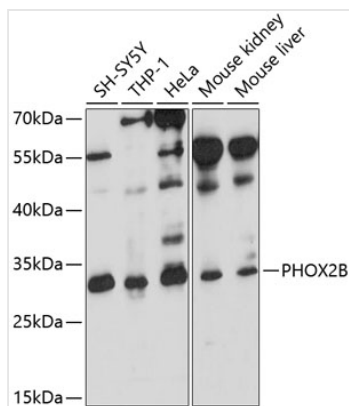
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using PHOX2B antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat liver using PHOX2B antibody.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PHOX2B antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PHOX2B antibody	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.
Product Categories/Family for anti-PHOX2B antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	12707580
NCBI GeneID	8929
NCBI Accession #	NP_003915.2
NCBI GenBank Nucleotide #	NM_003924.3
UniProt Accession #	Q99453; Q6PJD9
Molecular Weight	31,621 Da
NCBI Official Full Name	paired mesoderm homeobox protein 2B
NCBI Official Synonym Full Names	paired like homeobox 2b
NCBI Official Symbol	PHOX2B
NCBI Official Synonym Symbols	PMX2B; NBLST2; NBPhox
NCBI Protein Information	paired mesoderm homeobox protein 2B
UniProt Protein Name	Paired mesoderm homeobox protein 2B
UniProt Gene Name	PHOX2B
UniProt Synonym Gene Names	PMX2B; NBPhox
UniProt Entry Name	PHX2B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

