

Rabbit PHOX2B Polyclonal Antibody | anti-PHOX2B antibody

PHOX2B Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280749	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

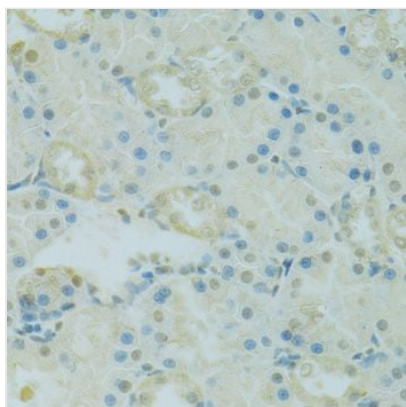
PRODUCT SYNONYMS

PHOX2B; Polyclonal Antibody; PHOX2B Polyclonal Antibody; PMX2B; NBLST2; NBPhox; anti-PHOX2B antibody

PRODUCT SPECIFICATIONS

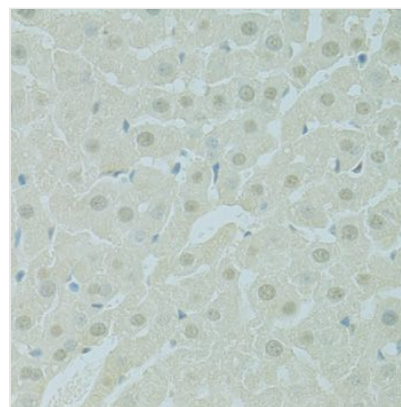
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Sequence Length	314
Applicable Applications for anti-PHOX2B antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human PHOX2B
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



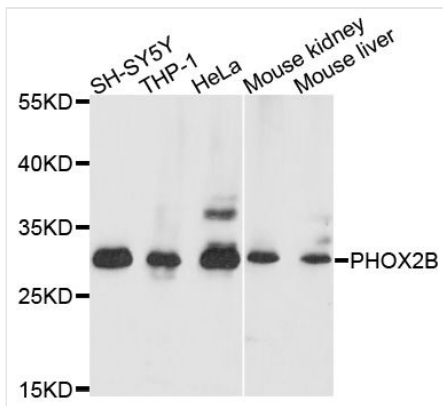
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using PHOX2B antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat liver using PHOX2B antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PHOX2B antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

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.
Product Categories/Family for anti-PHOX2B antibody	Polyclonal

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	Calculated MW: 32kDa Molecular Weight: 314
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.

