

PHOX2B Antibody

Rabbit mAb Catalog # AP91774

Product Information

Application WB, IHC, IF, ICC, IHF

Primary Accession <u>Q99453</u>

Reactivity Human, Mouse **Clonality** Monoclonal

Other Names NBLST2; NBPhox; PHOX 2B; PHOX2B; PMX 2B; PMX2B;

IsotypeRabbit IgGHostRabbitCalculated MW31621

Additional Information

Dilution WB 1:500~1:2000 IHC 1:100~1:500 ICC/IF 1:50~1:200

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human PHOX2B

Description Involved in the development of several major noradrenergic neuron

populations, including the locus coeruleus. Transcription factor which could

determine a neurotransmitter phenotype in vertebrates. Enhances

second-messenger-mediated activation of the dopamine beta-hydrolase and c-fos promoters, and of several enhancers including cAMP-response element

and serum-response element.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium

azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term.

Avoid freeze / thaw cycle.

Protein Information

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Synonyms PMX2B

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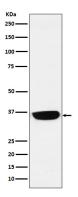
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Cellular Location Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108}.

Tissue Location Expressed in neuroblastoma, brain and adrenal gland

Images



Western blot analysis of PHOX2B expression in Neuro-2a cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.