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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB09011 - Goat Anti-PHOX2B Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PHOX2B, paired-like homeobox 2b, NBPhox, PMX2B, PHOX2B homeodomain protein, neuroblastoma paired-type homeobox protein, paired mesoderm homeobox 2b

Official Symbol: PHOX2B

Accession Number(s): NP_003915.2

Human GeneID(s): [8929](#)

Non-Human GeneID(s): 18935 (mouse)

Immunogen

Peptide with sequence C-SRDDDESKEAKSTDP, from the internal region of the protein sequence according to NP_003915.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:1000.

Western blot: Preliminary experiments in Human Brain (Cerebellum) lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse