



## UK Office

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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