

## Goat anti-PHOX2B Antibody

<b>Item Number</b>	dAP-1642
<b>Target Molecule</b>	Principle Name: PHOX2B; Official Symbol: PHOX2B; All Names and Symbols: PHOX2B; paired-like homeobox 2b; NBPhox; PMX2B; PHOX2B homeodomain protein; neuroblastoma paired-type homeobox protein; paired mesoderm homeobox 2b; Accession Number (s): NP_003915.2; Human Gene ID(s): 8929; Non-Human GeneID(s): 18935 (mouse)
<b>Immunogen</b>	SRDESKEAKSTDP, is from internal region
<b>Applications</b>	Pep ELISA  Species Tested:
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 1000.
<b>Western Blot</b>	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
<b>IHC</b>	

<b>Reference</b>	Reference(s): McGaughey DM, Vinton RM, Huynh J, Al-Saif A, Beer MA, McCallion AS. Metrics of sequence constraint overlook regulatory sequences in an exhaustive analysis at phox2b. Genome Res. 2008 Feb;18(2):252-60. Epub 2007 Dec 10..PMID: 18071029->
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Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**