

## Goat anti-PHOX2A (aa165-179) Antibody

<b>Item Number</b>	dAP-2690
<b>Target Molecule</b>	Principle Name: PHOX2A (aa165-179); Official Symbol: PHOX2A; All Names and Symbols: PHOX2A; paired-like homeobox 2a; ARIX; CFEOM2; FEOM2; MGC52227; NCAM2; PMX2A; ARIX1 homeodomain protein; OTTHUMP00000237214; aristaless homeobox homolog; aristaless homeobox protein homolog; arix homeodomain protein; paired mesoderm homeobox protein 2A; Accession Number (s): NP_005160.2; Human Gene ID(s): 401; Non-Human GeneID(s):
<b>Immunogen</b>	KGEARCSSEDDDSKE, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<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 32000.
<b>Western Blot</b>	Western Blot: Approx 26kDa band observed in Human Adrenal Gland and Uterus lysates (calculated MW of 29.7kDa according to NP_005160.2). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Fan Y, Huang J, Kieran N, Zhu MY. Effects of transcription factors Phox2 on expression of norepinephrine transporter and dopamine beta-hydroxylase in SK-N-BE(2)C cells. J Neurochem. 2009 Sep;110(5):1502-13..PMID: 19573018->

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**