

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB11590 - Goat Anti-PHOX2A (aa165-179) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: aristaless homeobox homolog, aristaless homeobox protein homolog, ARIX, arix homeodomain protein, ARIX1 homeodomain protein, CFEOM2, FEOM2, MGC52227, NCAM2, OTTHUMP00000237214, paired mesoderm homeobox protein 2A, paired-like homeobox 2a, PHOX2A, PMX2A

Official Symbol: PHOX2A

Accession Number(s): NP_005160.2

Human GeneID(s): 401

Immunogen

Peptide with sequence KGEARCSSEDDDSKE, from the internal region of the protein sequence according to NP_005160.2.

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 1:32000.

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.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog, Pig, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB11590 (1μg/ml) staining of Human Adrenal Gland lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.