

PHOX2A (C-term) Control Peptide

Alternate names:	ARIX, ARIX1 homeodomain protein, Aristaless homeobox protein homolog, PMX2A, Paired mesoderm homeobox protein 2A, Paired-like homeobox 2A
Catalog No.:	AP55428CP-N
Quantity:	50 µg
Concentration:	0.2 mg/ml
Uniprot ID:	O14813
NCBI:	NP_005160
GeneID:	401
Format:	State: Liquid peptide Buffer System: PBS pH 7.2 (10 mM NaH ₂ PO ₄ , 10 mM Na ₂ HPO ₄ , 130 mM NaCl) containing 0.1% BSA and 0.02% Sodium azide
Applications:	The peptide is used for blocking the activity of PHOX2A antibody (Cat.-No. AP55428PU-N). It usually blocks the antibody activity completely in Western blot by incubating the peptide with equal volume of antibody for 30 min at 37°C. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Control peptide for AP55428PU-N. Peptide containing 16 amino acid peptide near the carboxy terminus of human PHOX2A. Species: Human Other species not tested.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Stanke M, Junghans D, Geissen M, et al. The Phox2 homeodomain proteins are sufficient to promote the development of sympathetic neurons. Development 1999; 126:4087-94.
Pictures:	Western blot analysis of PHOX2A in rat brain tissue lysate with PHOX2A antibody Cat.-No. AP55428CP-N at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.

