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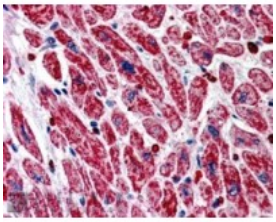
PIK3C2A Antibody

CATALOG NUMBER: 46-185



Immunohistochemistry (5ug/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, IHC-P
APPLICATIONS:	ELISA: antibody detection limit dilution 1:32000. Western Blot: Preliminary experiments gave no signal but low background in Human Testis and Molt-4 lysates at up to 1ug/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Immunohistochemistry: In paraffin embedded Human Heart shows strong staining of the capillary network and patterned staining of the myocardial fibres in transverse section. Recommended concentration, 5-10ug/ml.
POSITIVE CONTROL:	1) Cat. No. 1301 - Human Heart Tissue Lysate
IMMUNOGEN:	PIK3C2A antibody was raised against a 13 amino acid synthetic peptide near the C-Terminus of PIK3C2A.
HOST SPECIES:	Goat

Properties

PURIFICATION:	PIK3C2A antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	PIK3C2A antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20˚C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	PIK3C2A, CPK, PI3-K-C2A, PI3K-C2alpha, PI3-K-C2(ALPHA), phosphoinositide-3-kinase, class 2, alpha polypeptide, C2-containing phosphatidylinositol kinase
ACCESSION NO.:	NP_002636
PROTEIN GI NO.:	157671929

OFFICIAL SYMBOL:	PIK3C2A
GENE ID:	5286

Background

REFERENCES:	1) Molz L, Chen YW, Hirano M, Williams LT. Cpk is a novel class of Drosophila PtdIns 3-kinase containing a C2 domain. J Biol Chem. 1996 Jun 7;271(23):13892-9.

FOR RESEARCH USE ONLY

December 13, 2016