

PHKA1 antibody

Catalog No: #22521

Package Size: #22521 100ul

Description

Product Name	PHKA1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 828 and 1032 of PHKA1
Conjugates	Unconjugated
Target Name	PHKA1
Accession No.	Swiss-Prot:P46020Gene ID:5255
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

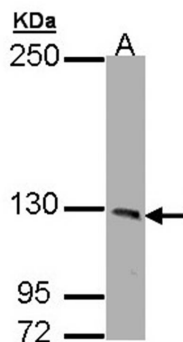
Predicted MW: 137kd

Western blotting: 1:500-1:3000

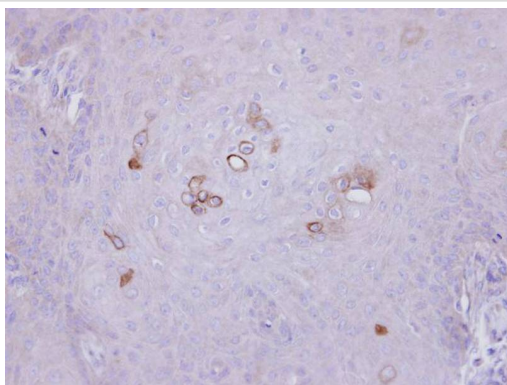
Immunohistochemistry: 1:100-1:500

Immunofluorescence: 1:100-1:200

Images



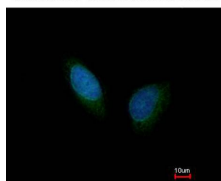
Sample (30 ug of whole cell lysate)
A: HeLa
7.5% SDS PAGE
Primary antibody diluted at 1: 1000



Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using PHKA1 antibody at 1: 500 dilution.



Costained with Hoechst 33342



Immunofluorescence analysis of methanol-fixed HeLa, using PHKA1 antibody at 1: 200 dilution.

Background

The PHKA1 gene encodes the alpha subunit of muscle phosphorylase kinase (EC 2.7.1.38), a key regulatory enzyme of glycogen metabolism. Phosphorylase kinase consists of 4 copies of an alpha-beta-gamma-delta tetramer. The alpha, beta (PHKB; MIM 172490), and gamma (PHKG1; MIM 172470 and PHKG2; MIM 172471) subunits have several isoforms; the delta subunit is calmodulin (CALM1; MIM 114180). PHKA2 (MIM 306000) encodes the alpha subunit of liver-specific phosphorylase kinase and is also located on the X chromosome.[supplied by OMIM]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.