

Anti-PHKA1/2 antibody



Description	Rabbit polyclonal to PHKA1/2.
Model	STJ95065
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, WB
Immunogen	Synthesized peptide derived from human PHKA1/2
Immunogen Region	1-80 aa, N-terminal
Gene ID	5255
Gene Symbol	PHKA1
Dilution range	WB 1:500-1:2000IF 1:200-1:1000ELISA 1:20000
Specificity	PHKA1/2 Polyclonal Antibody detects endogenous levels of PHKA1/2 protein.
Tissue Specificity	Muscle specific. Isoform 1 is predominant in vastus lateralis muscle. Isoform 2 predominates slightly in heart, and it predominates clearly in the other tissues tested.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Phosphorylase b kinase regulatory subunit alpha, skeletal muscle isoform Phosphorylase kinase alpha M subunit

Molecular Weight	137 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:8925OMIM:300559
Alternative Names	Phosphorylase b kinase regulatory subunit alpha, skeletal muscle isoform Phosphorylase kinase alpha M subunit
Function	Phosphorylase b kinase catalyzes the phosphorylation of serine in certain substrates, including troponin I. The alpha chain may bind calmodulin.
Cellular Localization	Cell membrane
Post-translational Modifications	Although the final Cys may be farnesylated, the terminal tripeptide is probably not removed, and the C-terminus is not methylated.

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com