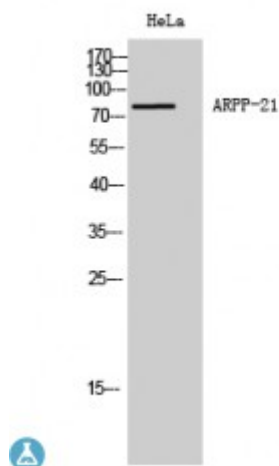


Anti-ARPP-21 antibody



Description	Rabbit polyclonal to ARPP-21.
Model	STJ91702
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human ARPP-21
Immunogen Region	180-260 aa, Internal
Gene ID	10777
Gene Symbol	ARPP21
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:5000
Specificity	ARPP-21 Polyclonal Antibody detects endogenous levels of ARPP-21 protein.
Tissue Specificity	Isoform 2 is expressed in brain. Isoform 1 is present in immature thymocytes (at protein level).
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	cAMP-regulated phosphoprotein 21 ARPP-21 Thymocyte cAMP-regulated phosphoprotein
Molecular Weight	80 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:16968OMIM:605488
Alternative Names	cAMP-regulated phosphoprotein 21 ARPP-21 Thymocyte cAMP-regulated phosphoprotein
Function	Isoform 2 may act as a competitive inhibitor of calmodulin-dependent enzymes such as calcineurin in neurons.
Cellular Localization	Cytoplasm
Post-translational Modifications	Phosphorylation at Ser-56 favors interaction with CALM1. Isoform 1 is methylated by CARM1 in immature thymocytes.

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