

ARPP21 Antibody

Catalog No: #34524

Package Size: #34524-1 50ul #34524-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

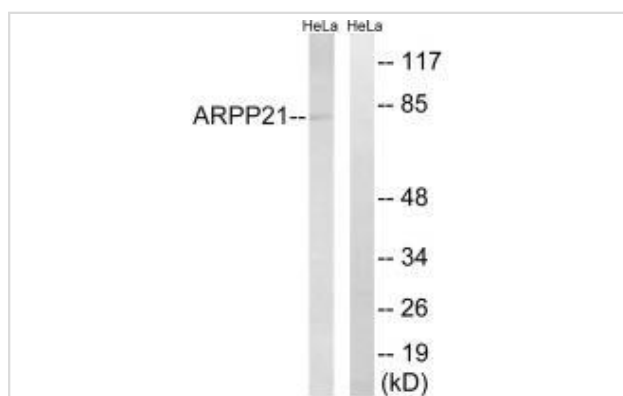
Product Name	ARPP21 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ARPP21 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human ARPP21.
Target Name	ARPP21
Other Names	cAMP-regulated phosphoprotein 21; ARPP-21; Thymocyte cAMP-regulated phosphoprotein;
Accession No.	Swiss-Prot: Q9UBL0NCBI Gene ID: 10777
Uniprot	Q9UBL0
GeneID	10777;
SDS-PAGE MW	80kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

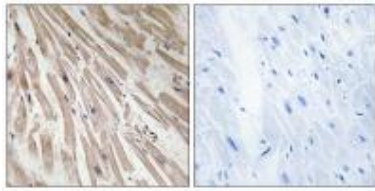
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from HeLa cells, using ARPP21 antibody #34524.

Immunohistochemistry analysis of paraffin-embedded human heart tissue, using ARPP21 antibody #34524.



Background

Isoform 2 may act as a competitive inhibitor of calmodulin-dependent enzymes such as calcineurin in neurons By similarity.

Brene S., J. Neurosci. 14:985-998(1994).

Hu R.-M., Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000).

Ota T., Nat. Genet. 36:40-45(2004)

Note: This product is for in vitro research use only