

Rabbit anti-Human, mouse ARPP21 Polyclonal Antibody | anti-ARPP21 antibody

ARPP21 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289547	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

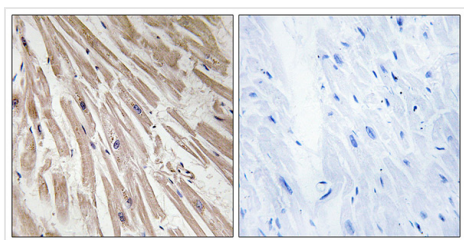
PRODUCT SYNONYMS

ARPP21; Polyclonal Antibody; ARPP21 Antibody; cAMP-regulated phosphoprotein 21; ARPP-21; Thymocyte cAMP-regulated phosphoprotein; TARPP; anti-ARPP21 antibody

PRODUCT SPECIFICATIONS

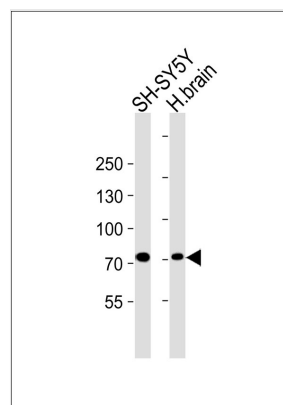
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Positions	231-260
Sequence Length	108
Applicable Applications for anti-ARPP21 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

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



WB (Western Blot)

Western blot analysis of lysates from SH-SY5Y cell line and human brain tissue lysate (from left to right), using ARPP21 Antibody, was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-ARPP21 antibody	Isoform 2 may act as a competitive inhibitor of calmodulin-dependent enzymes such as calcineurin in neurons (By similarity).
Product Categories/Family for anti-ARPP21 antibody	Signal Transduction
References	Brene S.,et al.J. Neurosci. 14:985-998(1994). Hu R.-M.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000). Ota T.,et al.Nat. Genet. 36:40-45(2004). Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases. Bechtel S.,et al.BMC Genomics 8:399-399(2007).

NCBI AND UNIPROT INFORMATION

NCBI GI #	68161520
NCBI GeneID	10777
NCBI Accession #	NP_001020239.1
NCBI GenBank Nucleotide #	NM_001025068.1
UniProt Accession #	Q9UBL0; Q49AK3; Q49AS6; Q4G0V4; Q6NYC3; Q86V31; Q9UF93; B4DG96; AAB30130
Molecular Weight	89196
NCBI Official Full Name	cAMP-regulated phosphoprotein 21 isoform 2
NCBI Official Synonym Full Names	cAMP-regulated phosphoprotein, 21kDa
NCBI Official Symbol	ARPP21
NCBI Official Synonym Symbols	RCS; TARPP; R3HDM3; ARPP-21
NCBI Protein Information	cAMP-regulated phosphoprotein 21
UniProt Protein Name	cAMP-regulated phosphoprotein 21
UniProt Gene Name	ARPP21
UniProt Synonym Gene Names	TARPP; ARPP-21
UniProt Entry Name	ARP21_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.