



# ARPP-21 rabbit pAb

Cat No.:ES4552

For research use only

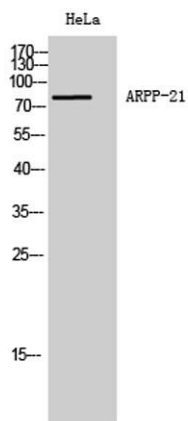
## Overview

<b>Product Name</b>	ARPP-21 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ARPP21. AA range:211-260
<b>Specificity</b>	ARPP-21 Polyclonal Antibody detects endogenous levels of ARPP-21 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	cAMP-regulated phosphoprotein 21
<b>Gene Name</b>	ARPP21
<b>Cellular localization</b>	Cytoplasm .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	80kD
<b>Human Gene ID</b>	10777
<b>Human Swiss-Prot Number</b>	Q9UBL0
<b>Alternative Names</b>	ARPP21; TARPP; cAMP-regulated phosphoprotein 21; ARPP-21; Thymocyte cAMP-regulated phosphoprotein
<b>Background</b>	This gene encodes a cAMP-regulated phosphoprotein. The encoded protein is enriched in the caudate nucleus and cerebellar cortex. A similar protein in mouse may be involved in regulating the



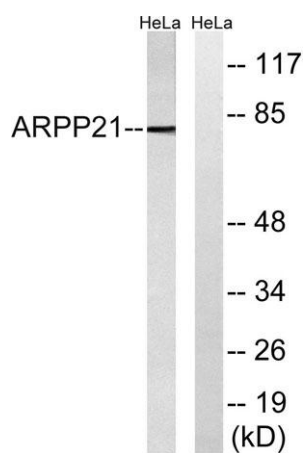
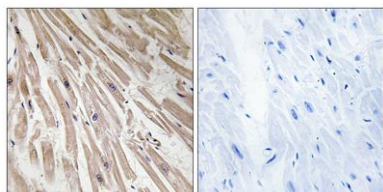


effects of dopamine in the basal ganglia. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jun 2012],



Western Blot analysis of HeLa cells using ARPP-21 Polyclonal Antibody diluted at 1:1000

Immunohistochemistry analysis of paraffin-embedded human heart tissue, using ARPP21 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa cells, using ARPP21 Antibody. The lane on the right is blocked with the synthesized peptide.

