

**ARPP-21 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13040a**

**Specification**

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**ARPP-21 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [Q9UBL0](#)

**ARPP-21 Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 10777

**Other Names**

cAMP-regulated phosphoprotein 21, ARPP-21, Thymocyte cAMP-regulated phosphoprotein, ARPP21, TARPP

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ARPP-21 Antibody (N-term) Blocking peptide - Protein Information**

**Name** ARPP21

**Synonyms** TARPP

**Function**

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

**Cellular Location**

Cytoplasm.

**Tissue Location**

Isoform 2 is expressed in brain. Isoform 1 is present in immature thymocytes (at protein level)

**ARPP-21 Antibody (N-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **ARPP-21 Antibody (N-term) Blocking peptide - Images**

#### **ARPP-21 Antibody (N-term) Blocking peptide - Background**

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

#### **ARPP-21 Antibody (N-term) Blocking peptide - References**

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Need, A.C., et al. Hum. Mol. Genet. 18(23):4650-4661(2009)Lamesch, P., et al. Genomics 89(3):307-315(2007)Brill, L.M., et al. Anal. Chem. 76(10):2763-2772(2004)Brill, L.M., et al. Anal. Chem. 76(10):2763-2772(2004)