

Rabbit anti-Human, rat APRT Polyclonal Antibody | anti-APRT antibody

APRT Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286787	Rabbit	Human, rat	Immunohistochemistry, ELISA, Western Blot

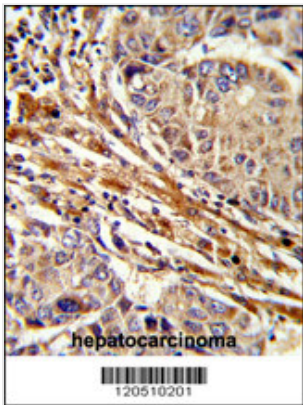
PRODUCT SYNONYMS

APRT; Polyclonal Antibody; APRT Antibody (C-term); Adenine phosphoribosyltransferase; anti-APRT antibody

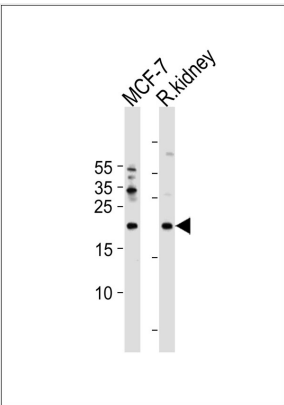
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This APRT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 143-170 amino acids from the C-terminal region of human APRT.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.465 (varies by lot)
Sequence Positions	143-170
Sequence Length	134
Applicable Applications for anti-APRT antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
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 (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with APRT Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
APRT Antibody (C-term) western blot analysis in MCF-7 cell line and rat kidney tissue lysates (35ug/lane).This demonstrates the APRT antibody detected the APRT protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-APRT antibody	A conserved feature of APRT is the distribution of CpG dinucleotides. This enzyme catalyzes the formation of AMP and inorganic pyrophosphate from adenine and 5-phosphoribosyl-1-pyrophosphate (PRPP). It also produces adenine as a by-product of the polyamine biosynthesis pathway. A homozygous deficiency in this enzyme causes 2,8-dihydroxyadenine urolithiasis.
Product Categories/Family for anti-APRT antibody	Crown Antibodies; Metabolism; Signal Transduction
References	Silva,C.H., et. al.,J. Biomol. Struct. Dyn. 25 (6), 589-597 (2008) Di Pietro,V., et. al., Clin. Biochem. 40 (1-2), 73-80 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502171
NCBI GeneID	353
NCBI Accession #	NP_000476.1; NP_001025189.1
NCBI GenBank Nucleotide #	NM_000485.2
UniProt Accession #	P07741; Q3KP55; Q68DF9; G5E9J2
Molecular Weight	19608
NCBI Official Full Name	adenine phosphoribosyltransferase isoform a
NCBI Official Synonym Full Names	adenine phosphoribosyltransferase
NCBI Official Symbol	APRT
NCBI Official Synonym Symbols	AMP; APRTD
NCBI Protein Information	adenine phosphoribosyltransferase
UniProt Protein Name	Adenine phosphoribosyltransferase
UniProt Gene Name	APRT
UniProt Synonym Gene Names	APRT
UniProt Entry Name	APT_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aprt-antibody-immunohistochemistry-western-blot-elisa/286787>