

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

APRT Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306014	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

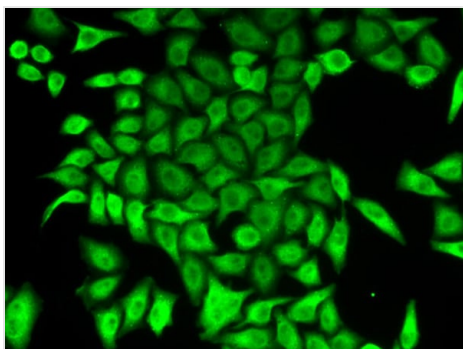
PRODUCT SYNONYMS

APRT; Polyclonal Antibody; APRT Antibody; AMP; APRTD; anti-APRT antibody

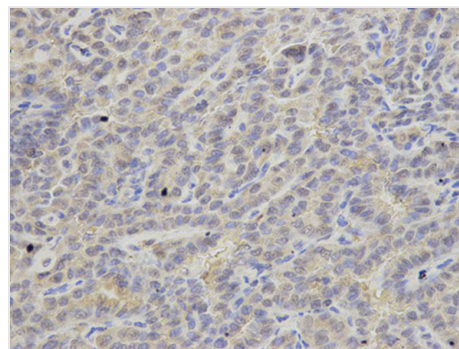
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total APRT protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	180
Applicable Applications for anti-APRT antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human APRT.
Target Name	APRT
Preparation and Storage	Store at -20 degree C

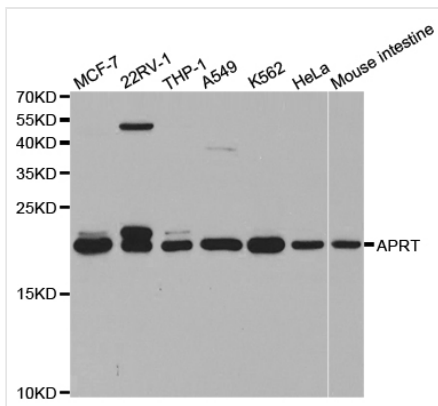
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of A549 cell using APRT antibody.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human thyroid cancer using APRT antibody at dilution of 1:200 (400x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using APRT antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-APRT antibody	Adenine phosphoribosyltransferase belongs to the purine/pyrimidine phosphoribosyltransferase family. A conserved feature of this gene 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. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-APRT antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502171
NCBI GeneID	353
NCBI Accession #	NP_000476.1
NCBI GenBank Nucleotide #	NM_000485.2
UniProt Accession #	P07741; Q3KP55; Q68DF9; G5E9J2
Molecular Weight	14,557 Da
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.