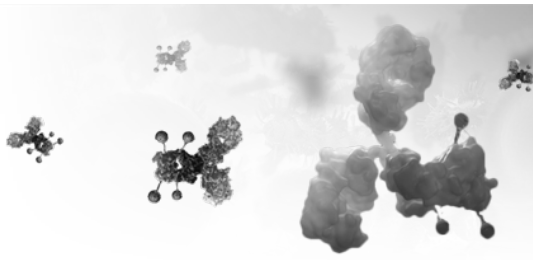

Anti-APRT (C-terminal) polyclonal antibody (CPBT-26671RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human APRT.
Antigen Description	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.
Immunogen	Synthetic peptide selected from the C-terminal region of Human APRT conjugated to KLH.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ELISA, ICC/IF
Sequence Similarities	Belongs to the purine/pyrimidine phosphoribosyltransferase family.
Cellular Localization	Cytoplasm.
Format	Liquid
Size	100 µg

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Buffer	Preservative: 0.09% Sodium Azide Constituents: PBS
Preservative	0.09% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	APRT adenine phosphoribosyltransferase [Homo sapiens]
Official Symbol	APRT
Synonyms	APRT; adenine phosphoribosyltransferase; Adenine phosphoribosyltransferase; AMP; AMP diphosphorylase; AMP pyrophosphorylase; APRT; APT_HUMAN; DKFZp686D13177; MGC125856; MGC125857; MGC129961; Transphosphoribosidase; AMP diphosphorylase; AMP pyrophosphorylase; transphosphoribosidase; AMP;
Entrez Gene ID	353
Protein Refseq	NP_000476
UniProt ID	P07741
Chromosome Location	16q24
Pathway	Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of nucleotides, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem; Purine salvage, organism-specific biosystem;
Function	AMP binding; adenine binding; adenine phosphoribosyltransferase activity; transferase activity, transferring glycosyl groups;

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