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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58422_P050-HRP
Product Page	www.avivasysbio.com/aprt-antibody-n-terminal-region-hrp-arp58422-p050-hrp.html
Name	APRT Antibody - N-terminal region : HRP (ARP58422_P050-HRP)
Protein Size (# AA)	180 amino acids
Molecular Weight	20kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	353
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Adenine phosphoribosyltransferase
Alias Symbols	AMP, APRTD
Peptide Sequence	Synthetic peptide located within the following region: ADSELQLVEQRIRSFDFPTPGVVERDISPVLKDPASFRAAIGLLARHLK
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Silva,C.H., (2008) J. Biomol. Struct. Dyn. 25 (6), 589-597
Description of Target	Adenine phosphoribosyltransferase (APRT) 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.
Protein Interactions	UBC; FN1; VCAM1; MLH1; ITGA4; NAPRT; HECW2; GMPS; UMPS; HPRT1; APP; IKBKG; APRT; VHL;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-APRT (ARP58422_P050-HRP) antibody
Blocking Peptide	For anti-APRT (ARP58422_P050-HRP) antibody is Catalog# AAP58422 (Previous Catalog# AAPP34510)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human APRT
Uniprot ID	P07741
Protein Name	Adenine phosphoribosyltransferase
Sample Type Confirmation	APRT is strongly supported by BioGPS gene expression data to be expressed in HEK293T
Protein Accession #	NP_000476
Purification	Affinity Purified
Nucleotide Accession #	NM_000485
Gene Symbol	APRT

Predicted Species Reactivity	Human, Rat, Cow, Dog, Guinea Pig
Application	WB, IHC
Predicted Homology Based on Immunogen Sequence	Cow: 79%; Dog: 79%; Guinea Pig: 86%; Human: 100%; Rat: 77%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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