

DNAXPAb

Hard-to-Find  
Antibody

## APRT DNAXPab

Catalog # H00000353-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human APRT DNA using DNAX™ Immune technology.
Technology	<a href="#">DNAX™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MADSELQLVEQRIRSFDFPTPGVVFRDISPVLKDPASFRAAIGLLARHLKATHGGRIDYIAGLDSR GFLFGPSLAQELGLGCVLIRKRGKLPGPTLWASYSLEYGKAELEIQKDALEPGQRVVVVDDLLAT GGTMNAACELLGRLQAEVLECVSLVELTSLKGREKLAPVPFFSLLQYE
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — APRT

Entrez GeneID

[353](#)

GeneBank Accession#

[NM\\_000485.2](#)

Protein Accession#

[NP\\_000476.1](#)

Gene Name

APRT

Gene Alias

AMP, DKFZp686D13177, MGC125856, MGC125857, MGC129961

Gene Description

adenine phosphoribosyltransferase

Omim ID

[102600](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

AMP diphosphorylase|AMP pyrophosphorylase|adenine phosphoribosyltransferase, isoform a|transphosphoribosidase

## Pathway

- [Metabolic pathways](#)
- [Purine metabolism](#)