

## Datasheet

### APRT MaxPab rabbit polyclonal antibody (D01)

**Catalog Number:** H00000353-D01

**Regulation Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against a full-length human APRT protein.

**Immunogen:** APRT (NP\_000476.1, 1 a.a. ~ 180 a.a)  
full-length human protein.

**Sequence:**

MADSELQLVEQRIRSFDFPTPGVVFRDISPVLKDPAS  
FRAAIGLLARHLKATHGGRIDYIAGLDSRGFLFGPSLAQ  
ELGLGCVLIRKRGKLPGPTLWASYSLEYGKAELEIQKD  
ALEPGQRVVVDDLLATGGTMNAACELLGRLQAEVLE  
CVSLVELTSLKGREKLAPVPFFSLLQYE

**Host:** Rabbit

**Reactivity:** Human

**Applications:** IP, WB-Ce, WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** No additive

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 353

**Gene Symbol:** APRT

**Gene Alias:** AMP, DKFZp686D13177, MGC125856, MGC125857, MGC129961

**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]