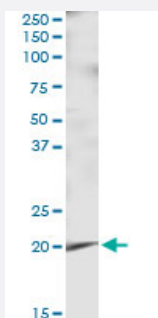


APRT (Human) IP-WB Antibody Pair

Catalog # H00000353-PW1

Size 1 Set

Applications



Immunoprecipitation of APRT transfected lysate using rabbit polyclonal anti-APRT and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-APRT.

Specification

| | |
|--------------------------------------|---|
| Product Description | This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot. |
| Reactivity | Human |
| Interspecies Antigen Sequence | Mouse (82%); Rat (86%) |
| Quality Control Testing | Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of APRT transfected lysate using rabbit polyclonal anti-APRT and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-APRT. |
| Supplied Product | Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-APRT (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-APRT (50 ug) |
| Storage Instruction | Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use. |

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — APRT

Entrez GeneID [353](#)

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](#)