

## Rabbit APRT Polyclonal Antibody | anti-APRT antibody

APRT Antibody

|                               |                       |                                                                                                    |
|-------------------------------|-----------------------|----------------------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA225461</b> | HOST<br><b>Rabbit</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence</b> |
|-------------------------------|-----------------------|----------------------------------------------------------------------------------------------------|

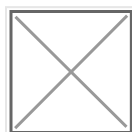
### PRODUCT SYNONYMS

APRT; Polyclonal Antibody; APRT Antibody; Affinity Purified Rabbit Polyclonal APRT Antibody; Polyclonal APRT antibody; Anti-APRT antibody; MGC125857 antibody; APRT antibody; DKFZp686D13177 antibody; AMP pyrophosphorylase antibody; AMP diphosphorylase antibody; adenine phosphoribosyltransferase antibody; AMP antibody; transphosphoribosidase antibody; MGC129961 antibody; MGC125856 antibody; anti-APRT antibody

### PRODUCT SPECIFICATIONS

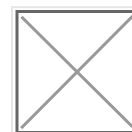
|                                                |                                                                                                                                              |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                       |
| Clonality                                      | Polyclonal                                                                                                                                   |
| Isotype                                        | IgG                                                                                                                                          |
| Purity/Purification                            | Antigen-Affinity Chromatography                                                                                                              |
| Form/Format                                    | Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative. |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                                                      |
| Sequence Length                                | 180                                                                                                                                          |
| Applicable Applications for anti-APRT antibody | WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)                                            |
| Cross-Reactivity                               | Human                                                                                                                                        |
| Preparation and Storage                        | Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.      |

### IMAGES



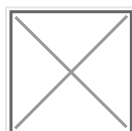
#### WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: A431) using a 12% SDS PAGE gel and APRT antibody at a dilution of 1:1000



#### IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded DLD-1 xenograft using APRT antibody at a dilution of 1:500



#### IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using APRT antibody at 1:200 dilution.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-APRT antibody | 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. It also produces adenine as a by-product of the polyamine biosynthesis pathway. A homozygous deficiency in this enzyme causes 2,8-dihydroxyadenine urolithiasis. |
| Product Categories/Family for anti-APRT antibody   | Proteases; Inhibitors; & Enzymes                                                                                                                                                                                                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                         |               |
|-------------------------|---------------|
| NCBI GI #               | 823673394     |
| Molecular Weight        | 15 kDa        |
| NCBI Official Full Name | APRT, partial |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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