

Datasheet for ABIN452753  
**anti-APRT antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.4 mL
Target:	APRT
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APRT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the N-terminal region of human APRT
Specificity:	This antibody detects APRT at N-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Purified through a protein A column, followed by peptide affinity purification

## Target Details

Target:	APRT
Alternative Name:	APRT ( <a href="#">APRT Products</a> )
Background:	A conserved feature of APRT is the distribution of CpG dinucleotides. This enzyme catalyzes

## Target Details

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. Synonyms: Adenine phosphoribosyltransferase

Molecular Weight: 19608 Da

Gene ID: 353

NCBI Accession: [NP\\_000476](#)

UniProt: [P07741](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

## Application Details

Application Notes: Western blot: 1: 100 - 1: 500. ELISA: 1: 1,000. Immunohistochemistry on paraffin sections: 1: 50 - 1: 100.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.

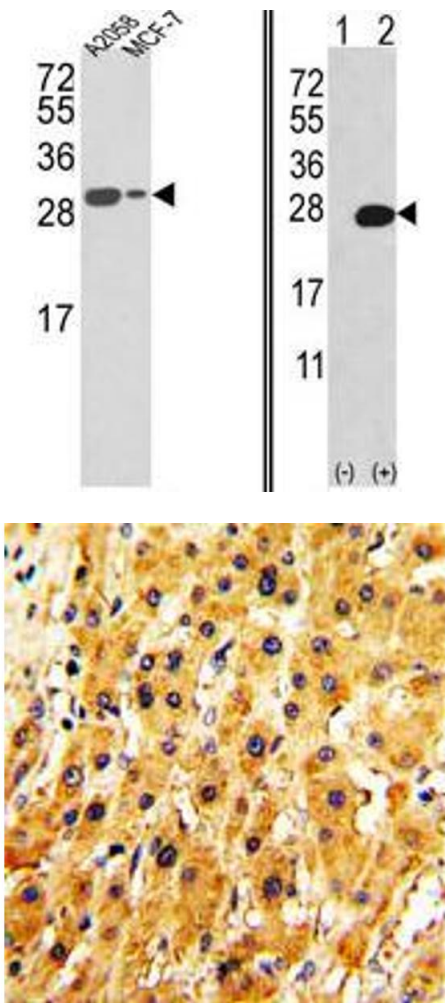


Image 1.

Image 2.