

Datasheet for ABIN652234  
**anti-HPRT1 antibody (N-Term)**

## 3 Images

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## Overview

Quantity:	400 µL
Target:	HPRT1
Binding Specificity:	AA 65-94, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HPRT1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This HPRT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 65-94 amino acids from the N-terminal region of human HPRT1.
Clone:	RB17825
Isotype:	Ig Fraction
Predicted Reactivity:	Ha, Pr, M, Pig, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	HPRT1
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## Target Details

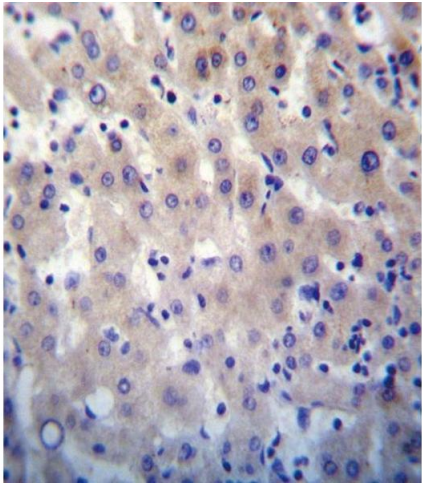
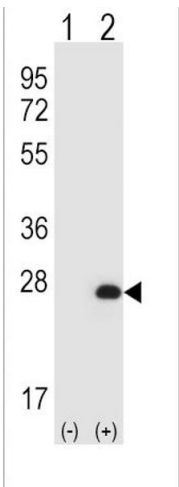
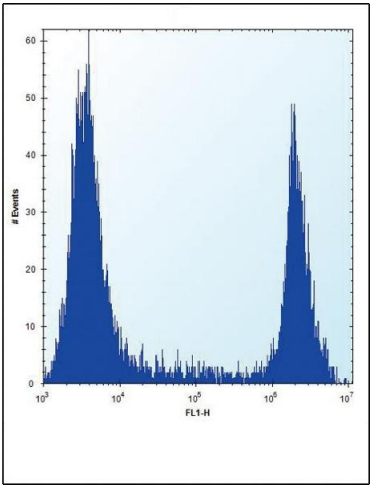
Alternative Name:	HPRT1 ( <a href="#">HPRT1 Products</a> )
Background:	The protein is a transferase, which catalyzes conversion of hypoxanthine to inosine monophosphate and guanine to guanosine monophosphate via transfer of the 5-phosphoribosyl group from 5-phosphoribosyl 1-pyrophosphate. This enzyme plays a central role in the generation of purine nucleotides through the purine salvage pathway.
Molecular Weight:	24579
Gene ID:	3251
NCBI Accession:	<a href="#">NP_000185</a>
UniProt:	<a href="#">P00492</a>
Pathways:	<a href="#">Ribonucleoside Biosynthetic Process</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in 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.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Flow Cytometry

**Image 1.** HPRT1 Antibody (N-term) (ABIN652234 and ABIN2840981) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** Western blot analysis of HPRT1 (arrow) using rabbit polyclonal HPRT1 Antibody (N-term) (ABIN652234 and ABIN2840981). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the HPRT1 gene.

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** HPRT1 Antibody (N-term) (ABIN652234 and ABIN2840981) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of HPRT1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.