

**HPRT Antibody**  
Rabbit mAb  
Catalog # AP91519

## Specification

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### HPRT Antibody - Product Information

Application	WB, IHC, IP
Primary Accession	<a href="#">P00492</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
HGPRT; HGPRTase; HPRT1;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	24579 Da

### HPRT Antibody - Additional Information

Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human HPRT</b>
Description	<b>Converts guanine to guanosine monophosphate, and hypoxanthine to inosine monophosphate. Transfers the 5-phosphoribosyl group from 5-phosphoribosylpyrophosphate onto the purine. Plays a central role in the generation of purine nucleotides through the purine salvage pathway.</b>
Storage Condition and Buffer	<b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>

### HPRT Antibody - Protein Information

**Name** HPRT1

**Synonyms** HPRT

#### **Function**

Converts guanine to guanosine monophosphate, and hypoxanthine to inosine monophosphate. Transfers the 5-phosphoribosyl group from 5-phosphoribosylpyrophosphate onto the purine. Plays a central role in the generation of purine nucleotides through the purine salvage pathway.

#### **Cellular Location**

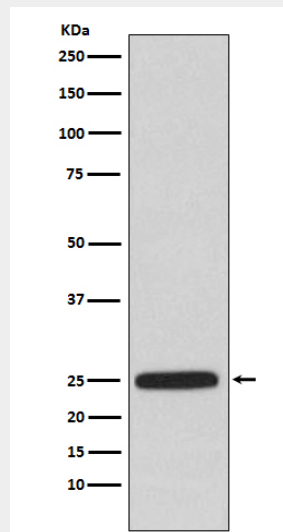
Cytoplasm.

## HPRT Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## HPRT Antibody - Images



Western blot analysis of HPRT expression in A549 cell lysate.