

# Hprt antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14604

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P00492</a>
<b>Other Accession</b>	<a href="#">NM_013556</a> , <a href="#">NP_038584</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Dog, Guinea Pig, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	24579

## Additional Information

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<b>Gene ID</b>	3251
<b>Alias Symbol</b>	C81579, HPGR1, Hprt1, MGC103149
<b>Other Names</b>	Hypoxanthine-guanine phosphoribosyltransferase, HGPRT, HGPRTase, 2.4.2.8, HPRT1, HPRT
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-Hprt antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	Hprt antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	HPRT1
<b>Synonyms</b>	HPRT
<b>Function</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>Cellular Location</b>	Cytoplasm.

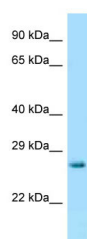
## References

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Jolly D.J.,et al.Proc. Natl. Acad. Sci. U.S.A. 80:477-481(1983).  
Edwards A.,et al.Genomics 6:593-608(1990).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.  
Ross M.T.,et al.Nature 434:325-337(2005).

## Images

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WB Suggested Anti-Hprt Antibody Titration: 1.0 µg/ml  
Positive Control: Mouse Thymus

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.