

Hprt antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14604**Specification**

Hprt antibody - C-terminal region - Product Information

Application	WB
Primary Accession	P00492
Other Accession	NM_013556 , NP_038584
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24kDa KDa

Hprt antibody - C-terminal region - Additional Information**Gene ID** 3251**Alias Symbol** **C81579, HPGRT, Hprt1, MGC103149****Other Names**

Hypoxanthine-guanine phosphoribosyltransferase, HGPRT, HGPRTase, 2.4.2.8, HPRT1, HPRT

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

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.

Precautions

Hprt antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Hprt antibody - C-terminal region - 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

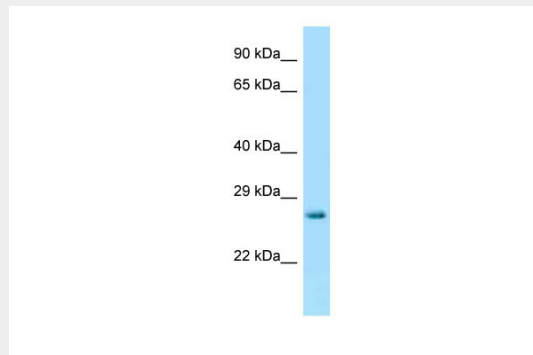
Cytoplasm.

Hprt antibody - C-terminal region - 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 - C-terminal region - Images



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

Hprt antibody - C-terminal region - References

- 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).
Kalnina N., et al. Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Ross M.T., et al. Nature 434:325-337(2005).