

HPRT1

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

Calculated MW: 24kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human HPRT1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

HPRT; HGPRT;

Catalog #: A5692

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 3251

Isotype: IgG

Swiss Prot: P00492

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene 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. Mutations in this gene result in Lesch-Nyhan syndrome or gout.

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