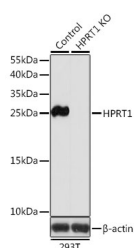


## (KO Validated) HPRT1 Polyclonal Antibody

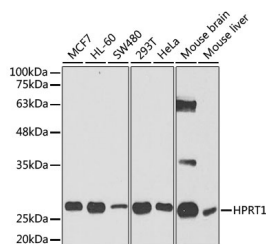
<b>Catalog No.</b>	E-AB-61069	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IF	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

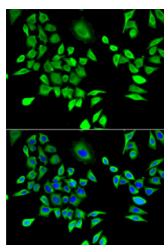
### Images



Western blot analysis of extracts from normal (control) and HPRT1 knockout (KO) 293T cells using HPRT1 Polyclonal Antibody at dilution of 1:1000.



Western blot analysis of extracts of various cell lines using HPRT1 Polyclonal Antibody at dilution of 1:1000.



Immunofluorescence analysis of U2OS cells using HPRT1 Polyclonal Antibody

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein of human HPRT1 (NP_000185.1).
<b>GeneID</b>	3251
<b>Swissprot</b>	P00492
<b>Synonyms</b>	HPRT1,HGPRT,HPRT

### Product Information

<b>Calculated MW</b>	24kDa
<b>Observed MW</b>	27kDa
<b>Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000 IF 1:10-1:100

### 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.

### For Research Use Only

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.