

A5692

Leader in Biomolecular Solutions for Life Science



## [KO Validated] HPRT1 Rabbit pAb

Catalog No.: A5692 **KO** Validated

### Basic Information

#### Observed MW

27kDa

#### Calculated MW

25kDa

#### Category

Mouse Monoclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Human, Mouse, Rat

### 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.

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

#### Gene ID

3251

#### Swiss Prot

P00492

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-218 of human HPRT1 (NP\_000185.1).

#### Synonyms

HPRT; HGPRT; T1

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

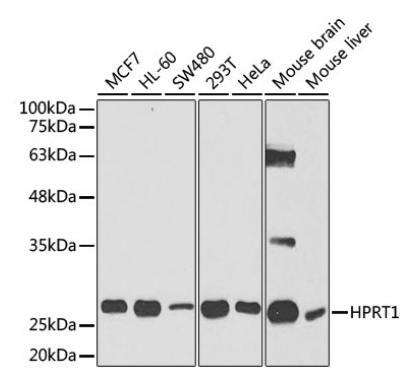
Affinity purification

#### Storage

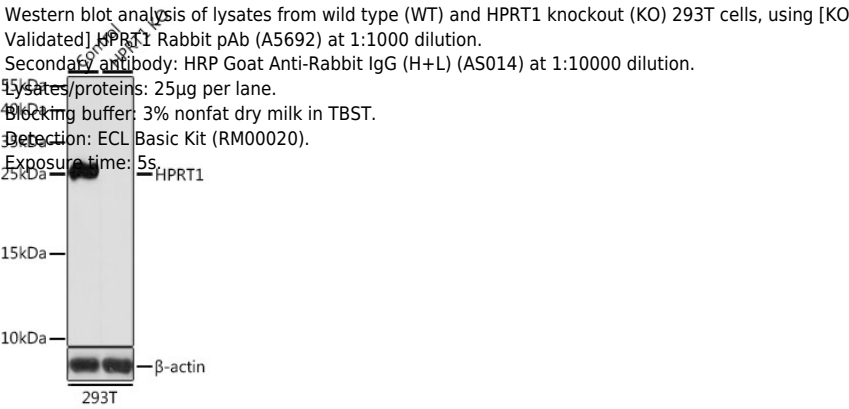
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using [KO Validated] HPRT1 Rabbit pAb (A5692) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.



Western blot analysis of lysates from wild type (WT) and HPRT1 knockout (KO) 293T cells, using [KO Validated] HPRT1 Rabbit pAb (A5692) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 5s.