

# [KO Validated] HPRT1 Rabbit Polyclonal Antibody

## CAB5692



### Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

27kDa

**Calculated MW:**

24kDa

**Applications:**

WB IF

**Reactivity:**

Human, Mouse, Rat

### Protein 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.

### Immunogen information

**Gene ID:**

3251

**Uniprot**

P00492

**Synonyms:**

HPRT1; HGPRT; HPRT

### Antibody Information

**Recommended dilutions:**

WB 1:500 - 1:2000 IF 1:10 - 1:100

**Source:**

Rabbit

**Isotype:**

IgG

**Purification:**

Affinity purification

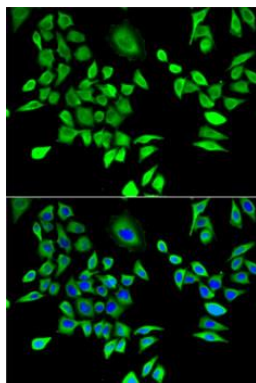
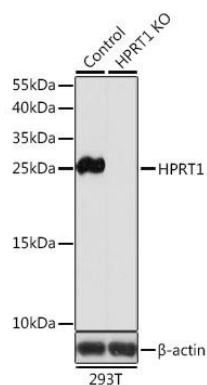
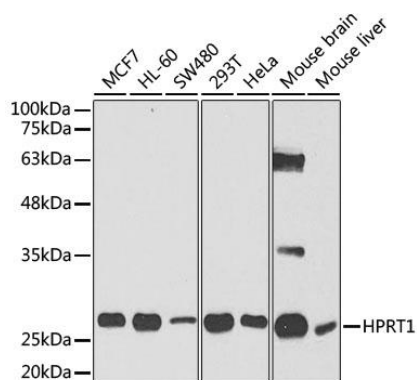
**Immunogen:**

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

**Storage:**

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

## Product Images



Western blot analysis of extracts of various cell lines, using HPRT1 antibody (CAB5692) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.

Western blot analysis of extracts from normal (control) and HPRT1 knockout (KO) 293T cells, using HPRT1 antibody (CAB5692) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.

Immunofluorescence analysis of U2OS cells using HPRT1 antibody (CAB5692). Blue: DAPI for nuclear staining.