

## Basic Information

Product Name	Anti-HPRT1 Antibody (Clone#ADAB-8)		
Gene Name	HPRT1		
Source	Rabbit		
Clonality	Monoclonal		
Isotype	IgG		
Species Reactivity	human, mouse, rat		
Tested Application	WB, IHC, IP		
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.		
Immunogen	A synthesized peptide derived from human HPRT		
Concentration	500 ug/ml		
Purification	Affinity-chromatography		
Observed MW	25 kDa		
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC):1:50-200 ImmunoPrecipitation (IP): 1:20		

## Storage

12 months from date of receipt, -20°C as supplied.

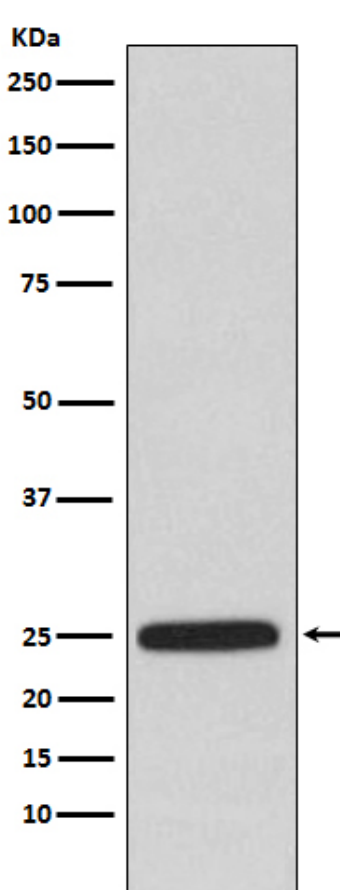
## Background Information

Hypoxanthine-guanine phosphoribosyltransferase (HGPRT) is an enzyme encoded in humans by the HPRT1 gene. 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.

## Reference

Anti-HPRT1 Antibody (Clone#ADAB-8)被引用在1文献中。

## Selected Validation Data



Western blot analysis of HPRT expression in A549 cell lysate.