

**UPRT Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP13372b****Specification**

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**UPRT Antibody (C-term) - Product Information**

|                   |  |
|-------------------|--|
| Application       | WB, IHC-P,E  |
| Primary Accession | <a href="#">Q96BW1</a>   |
| Other Accession   | <a href="#">Q95KB0</a> , <a href="#">Q5ZIJ8</a> , <a href="#">Q32LA4</a> , <a href="#">NP_659489.1</a> |
| Reactivity        | Mouse  |
| Predicted         | Bovine, Chicken, Monkey  |
| Host              | Rabbit   |
| Clonality         | Polyclonal   |
| Isotype           | Rabbit IgG   |
| Calculated MW     | 33786  |
| Antigen Region    | 204-233  |

**UPRT Antibody (C-term) - Additional Information****Gene ID** 139596**Other Names**

Uracil phosphoribosyltransferase homolog, UPRT

**Target/Specificity**

This UPRT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 204-233 amino acids from the C-terminal region of human UPRT.

**Dilution**

WB~~1:1000

IHC-P~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

UPRT Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**UPRT Antibody (C-term) - Protein Information****Name** UPRT

**Cellular Location**

Cytoplasm. Nucleus

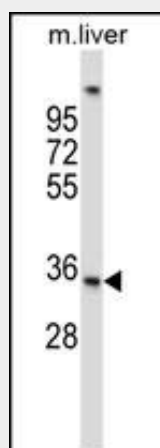
**Tissue Location**

Highly expressed in leukocytes, liver, spleen and thymus, with lower expression in brain, lung and skeletal muscle

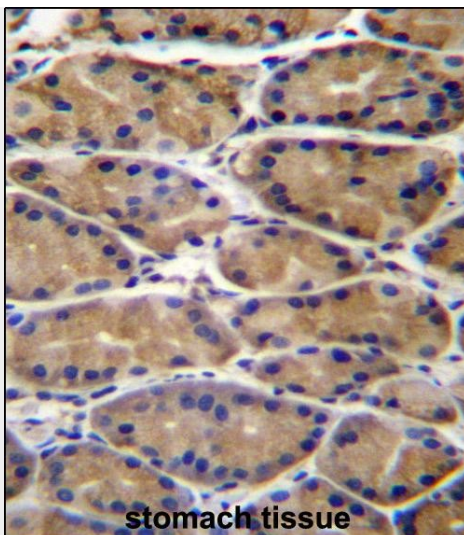
**UPRT Antibody (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**UPRT Antibody (C-term) - Images**

UPRT Antibody (C-term) (Cat. #AP13372b) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the UPRT antibody detected the UPRT protein (arrow).



UPRT Antibody (C-term) (Cat. #AP13372b) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of UPRT Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **UPRT Antibody (C-term) - Background**

This gene encodes uracil phosphoribosyltransferase, which catalyzes the conversion of uracil and 5-phosphoribosyl-1-R-diphosphate to uridine monophosphate (UMP). This reaction is an important part of nucleotide metabolism, specifically the pyrimidine salvage pathway. The enzyme localizes to the nucleus and cytoplasm. The protein is a potential target for rational design of drugs to treat parasitic infections and cancer.

#### **UPRT Antibody (C-term) - References**

Zhao, F.J., et al. Prostate Cancer Prostatic Dis. 12(2):166-171(2009)  
Li, J., et al. J. Hum. Genet. 52(5):415-422(2007)