

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

UPRT Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q96BW1
Other Accession	Q95KB0 , Q5ZIJ8 , Q32LA4 , NP_659489.1
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

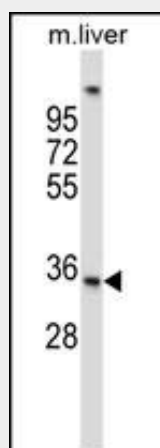
Tissue Location

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

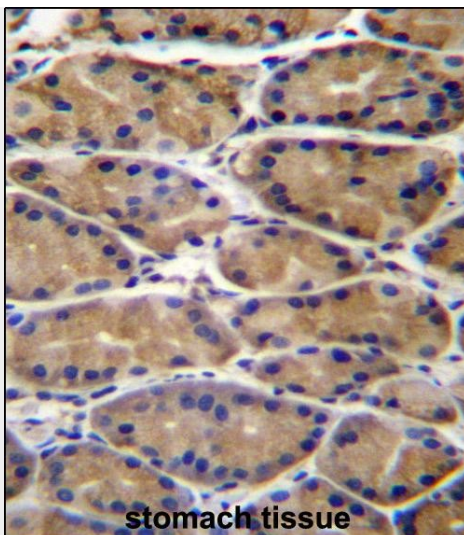
UPRT Antibody (C-term) - Protocols

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)