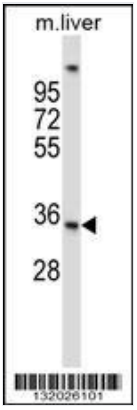
UPRT Antibody – Rabbit Polyclonal

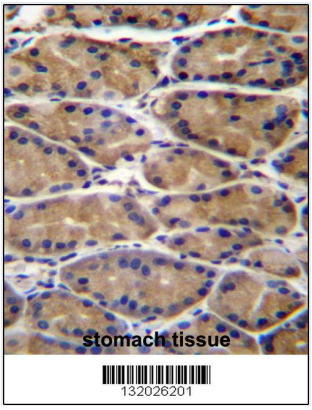
PRODUCT OVERVIEW

Product Name	UPRT, Polyclonal Antibody
Full Product Name	UPRT, CT (UPRT, Uracil phosphoribosyltransferase homolog) (AP)
Product Gene Name	anti-UPRT antibody
Product Synonym Names	UPRT; Uracil phosphoribosyltransferase homolog
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	19,056 Da
OMIM	AK056354 mRNA
3D Structure	ModBase 3D Structure for Q96BW1
Immunogen	UPRT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 203-233 amino acids from the C-terminal region of human UPRT.
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-UPRT antibody	Antibodies; Enzymes
Applications Tested/Suitable for anti-UPRT antibody	Immunohistochemistry (IHC), ELISA (EIA), Western Blot (WB)
Application Notes for anti-UPRT antibody	IHC: 1:10-50 ELISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-UPRT antibody	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.
Product References and Citations for anti-UPRT antibody	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).
Other Notes	Small volumes of anti-UPRT antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for UPRT purchase	MBS6361663 is an antibody targeting UPRT. Also known as UPRT, CT (UPRT, Uracil phosphoribosyltransferase homolog) (AP). Reactive in Mouse. Host: Rabbit.



Western Blot (WB) of anti-UPRT antibody
UPRT Antibody (C-term) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the UPRT antibody detected the UPRT protein (arrow).



Immunohistochemistry (IHC) of anti-UPRT antibody
UPRT Antibody (C-term) 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UPRT. It may not necessarily be applicable to this product.

NCBI GI #	21450816
NCBI GeneID	139596
NCBI Accession #	NP_659489.1
UniProt Primary Accession #	Q96BW1
UniProt Secondary Accession #	Q5JRL1; Q5JRL3; Q68DN0; Q96MW2
UniProt Related Accession #	Q96BW1
GenBank Nucleotide #	NM_145052.3
NCBI Official Full Name	uracil phosphoribosyltransferase homolog isoform 1
NCBI Official Synonym Full Names	uracil phosphoribosyltransferase homolog
NCBI Official Symbol	UPRT
NCBI Official Synonym Symbols	UPP; FUR1
UniProt Protein Name	Uracil phosphoribosyltransferase homolog
Protein Family	Uracil phosphoribosyltransferase
UniProt Gene Name	UPRT
NCBI Protein Information	uracil phosphoribosyltransferase homolog
Research Articles on UPRT	**1.** the efficacy of 5-FU-based chemotherapy in prostate cancers can be significantly improved by targeted expression of the suicide gene UPRT under the control of prostate-specific membrane antigen promoter/enhancer
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-mouse-antibody/uprt/6361663