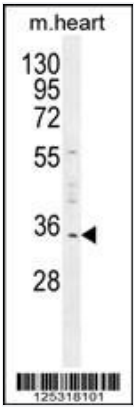
UPP2 Antibody – Rabbit Polyclonal

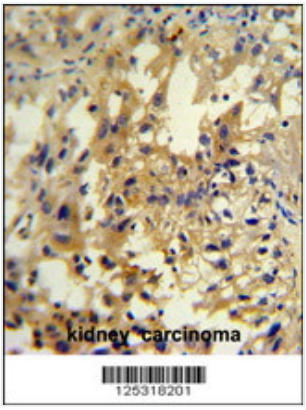
PRODUCT OVERVIEW

Product Name	UPP2, Polyclonal Antibody
Full Product Name	UPP2, CT (UPP2, Uridine phosphorylase 2) (FITC)
Product Gene Name	anti-UPP2 antibody
Product Synonym Names	UPP2; Uridine phosphorylase 2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	41,602 Da
3D Structure	ModBase 3D Structure for O95045
Immunogen	UPP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 217-244 amino acids from the C-terminal region of human UPP2.
Conjugate	FITC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-UPP2 antibody	Antibodies; Enzymes; Phosphorylase
Applications Tested/Suitable for anti-UPP2 antibody	Immunohistochemistry (IHC), FLISA, Western Blot (WB)
Application Notes for anti-UPP2 antibody	IHC: 1:50-100 FLISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-UPP2 antibody	Catalyzes the reversible phosphorylytic cleavage of uridine and deoxyuridine to uracil and ribose-or deoxyribose-1-phosphate. The produced molecules are then utilized as carbon and energy sources or in the rescue of pyrimidine bases for nucleotide synthesis. Shows substrate specificity and accept uridine, deoxyuridine, and thymidine as well as the two pyrimidine nucleoside analogs 5-fluorouridine and 5-fluoro-2(')-deoxyuridine as substrates.
Product References and Citations for anti-UPP2 antibody	Maestrini, E., et al. Mol. Psychiatry 15(9):954-968(2010). Lamesch, P., et al. Genomics 89(3):307-315(2007). Johansson, M. Biochem. Biophys. Res. Commun. 307(1):41-46(2003). Russell, R.L., et al. J. Biol. Chem. 276(16):13302-13307(2001).

Other Notes	Small volumes of anti-UPP2 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 UPP2 purchase	MBS6361655 is an antibody targeting UPP2. Also known as UPP2, CT (UPP2, Uridine phosphorylase 2) (FITC). Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-UPP2 antibody
UPP2 Antibody (C-term) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the UPP2 antibody detected the UPP2 protein (arrow).



Immunohistochemistry (IHC) of anti-UPP2 antibody
UPP2 antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the UPP2 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UPP2. It may not necessarily be applicable to this product.

NCBI GI #	205360941
NCBI GeneID	151531
NCBI Accession #	NP_001128570.1
NCBI Related Accession #	NP_775491.1
UniProt Primary Accession #	O95045
UniProt Secondary Accession #	B3KV87
UniProt Related Accession #	O95045
GenBank Nucleotide #	NM_001135098.1
NCBI Official Full Name	uridine phosphorylase 2 isoform b
NCBI Official Synonym Full Names	uridine phosphorylase 2
NCBI Official Symbol	UPP2
NCBI Official Synonym Symbols	UP2; UPASE2; UDRPASE2
UniProt Protein Name	Uridine phosphorylase 2
Protein Family	Uridine phosphorylase
UniProt Gene Name	UPP2
UniProt Synonym Gene Names	UPase 2; UrdPase 2
UniProt Entry Name	UPP2_HUMAN
NCBI Protein Information	uridine phosphorylase 2
Research Articles on UPP2	**1.** This study demonstrated that use joint test to identified that UPP2 association to Autism Spectrum Disorder.

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.
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