10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

UPP2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP10995b

Specification

UPP2 Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	O95045
Other Accession	Q8CGR7, NP_001128570.1, NP_775491.1
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit Ig**
Calculated MW	**35527**
Antigen Region	**217-244**

UPP2 Antibody (C-term) - Additional Information

Gene ID 151531

Other Names
Uridine phosphorylase 2, UPase 2, UrdPase 2, UPP2

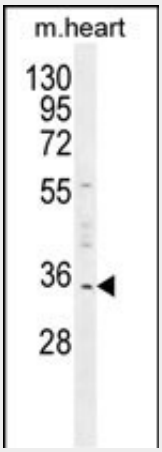
Target/Specificity
This UPP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 217-244 amino acids from the C-terminal region of human UPP2.

Dilution
WB~~1:1000
IHC-P~~1:50~100

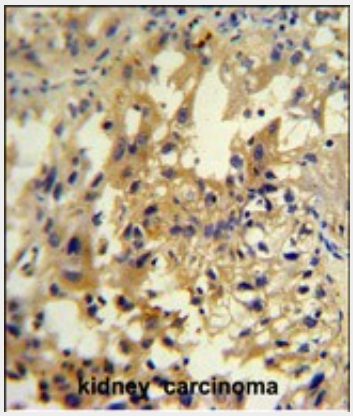
Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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



UPP2 Antibody (C-term) (Cat. #AP10995b) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the UPP2 antibody detected the UPP2 protein (arrow).



UPP2 antibody (C-term) (Cat. #AP10995b) 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.

UPP2 Antibody (C-term) - Background

UPP2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

UPP2 Antibody (C-term) - Protein Information

Name UPP2

Function
Catalyzes the reversible phosphorylytic cleavage of uridine and deoxyuridine to uracil and ribose- or deoxyribose-1-phosphate (PubMed:12849978, PubMed:21855639). The produced molecules are then utilized as carbon and energy sources or in the rescue of pyrimidine bases for nucleotide synthesis (Probable). Shows broad substrate specificity and accepts uridine, deoxyuridine, and thymidine as well as the two pyrimidine nucleoside analogs 5-fluorouridine and 5-fluoro-2(')-deoxyuridine as substrates (PubMed:12849978).

Tissue Location
Predominantly expressed in kidney.

UPP2 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 Cytomety
- Cell Culture

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UPP2 Antibody (C-term) - References

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Lamesch, P., et al. Genomics 89(3):307-315(2007)
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Russell, R.L., et al. J. Biol. Chem. 276(16):13302-13307(2001)