

Product datasheet for **AP54478PU-N**

UPP2 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1:1;000. Western blot: 1:100~500. Immunohistochemistry on paraffin sections: 1:50~100.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 217-244 amino acids from the C-terminal region of human UPP2
Specificity:	This antibody detects Uridine phosphorylase 2 (UPP2) (C-term).
Formulation:	PBS with 0.09% (W/V) sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	uridine phosphorylase 2
Database Link:	Entrez Gene 76654 Mouse Entrez Gene 151531 Human O95045



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Background:

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.

Synonyms:

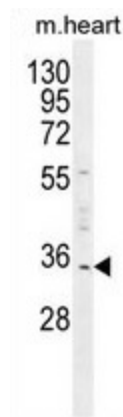
UrdPase 2, UPase 2

Note:

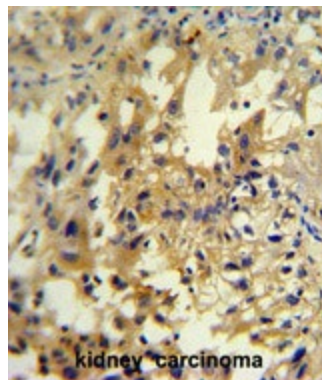
Molecular Weight: 35527 Da

Protein Pathways:

Drug metabolism - other enzymes, Metabolic pathways, Pyrimidine metabolism

Product images:

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



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.