

# UPP1 rabbit monoclonal antibody

Catalog # H00007378-K      Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human UPP1 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human UPP1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human UPP1 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — UPP1

Entrez GeneID [7378](#)

GeneBank Accession# [UPP1](#)

Gene Name UPP1

Gene Alias UDRPASE, UP, UPASE, UPP

Gene Description uridine phosphorylase 1

Omim ID [191730](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The 2 known types of pyrimidine nucleoside phosphorylases, uridine phosphorylase (UP; EC 2.4.2.3) and thymidine phosphorylase (TP; EC 2.4.2.4), in the presence of orthophosphate, catalyze the reversible phosphorolysis of uridine and thymidine or deoxyuridine, respectively, to free bases and ribose-1-phosphate or deoxyribose-1-phosphate. Pyrimidine nucleoside phosphorylases can add ribose or deoxyribose to pyrimidine bases to form nucleosides that can be incorporated into RNA or DNA (Watanabe and Uchida, 1995 [PubMed 7488099]).[supplied by OMIM]

**Other Designations** OTTHUMP00000159566

## Pathway

- [Drug metabolism - other enzymes](#)
- [Metabolic pathways](#)
- [Pyrimidine metabolism](#)