

UROD antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11933**Specification**

UROD antibody - N-terminal region - Product Information

Application	WB, IHC
Primary Accession	P06132
Other Accession	NM_000374 , NP_000365
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Sheep, Horse, Yeast, Bovine, Dog
Predicted	Human, Zebrafish, Pig, Chicken, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40kDa kDa

UROD antibody - N-terminal region - Additional Information**Gene ID** 7389

Alias Symbol	PCT, UPD
Other Names	
Uroporphyrinogen decarboxylase, UPD, URO-D, 4.1.1.37, UROD	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 100 ul of distilled water. Final anti-UROD antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

UROD antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

UROD antibody - N-terminal region - Protein Information**Name** UROD ([HGNC:12591](#))**Function**

Catalyzes the sequential decarboxylation of the four acetate side chains of uroporphyrinogen to form coproporphyrinogen and participates in the fifth step in the heme biosynthetic pathway (PubMed: [11069625](http://www.uniprot.org/citations/11069625), PubMed: [11719352](http://www.uniprot.org/citations/11719352), PubMed: [14633982](http://www.uniprot.org/citations/14633982), PubMed: [18004775](http://www.uniprot.org/citations/18004775), PubMed: [21668429](http://www.uniprot.org/citations/21668429)).

Isomer I or isomer III of uroporphyrinogen may serve as substrate, but only coproporphyrinogen III can ultimately be converted to heme (PubMed:11069625, PubMed:11719352, PubMed:14633982, PubMed:21668429). In vitro also decarboxylates pentacarboxylate porphyrinogen I (PubMed:12071824).

Cellular Location

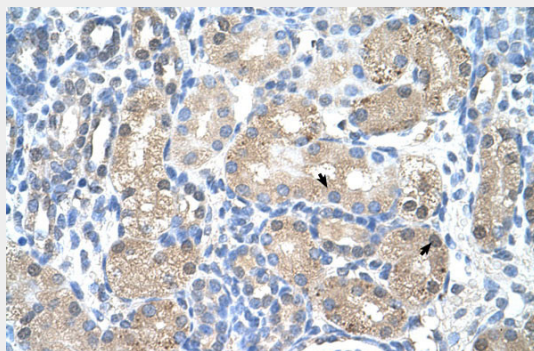
Cytoplasm, cytosol {ECO:0000250|UniProtKB:P70697}

UROD antibody - N-terminal region - Protocols

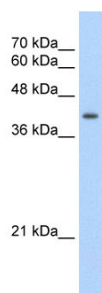
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

UROD antibody - N-terminal region - Images



Rabbit Anti-UROD Antibody
Paraffin Embedded Tissue: Human Kidney
Cellular Data: Epithelial cells of renal tubule
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X



WB Suggested Anti-UROD Antibody Titration: 2.5µg/ml

Positive Control: HepG2 cell lysate

UROD is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells