

# UROD antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI11933

## Product Information

Application	WB, IHC
Primary Accession	<a href="#">P06132</a>
Other Accession	<a href="#">NM_000374</a> , <a href="#">NP_000365</a>
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine, Sheep, Yeast
Predicted	Human, Zebrafish, Pig, Chicken, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40787

## Additional Information

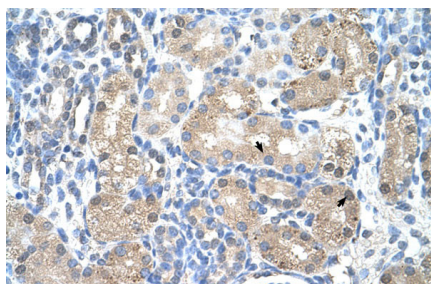
Gene ID	7389
Alias Symbol	PCT, UPD
Other Names	Uroporphyrinogen decarboxylase, UPD, URO-D, 4.1.1.37, UROD
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 ul of distilled water. Final anti-UROD antibody concentration 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.

## Protein Information

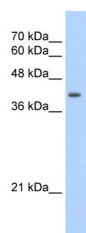
Name	UROD ( <a href="#">HGNC:12591</a> )
Function	Catalyzes the sequential decarboxylation of the four acetate side chains of uroporphyrinogen to form coproporphyrinogen and participates in the fifth step in the heme biosynthetic pathway (PubMed: <a href="#">11069625</a> , PubMed: <a href="#">11719352</a> , PubMed: <a href="#">14633982</a> , PubMed: <a href="#">18004775</a> , PubMed: <a href="#">21668429</a> ). Isomer I or isomer III of uroporphyrinogen may serve as substrate, but only coproporphyrinogen III can ultimately be converted to heme (PubMed: <a href="#">11069625</a> , PubMed: <a href="#">11719352</a> , PubMed: <a href="#">14633982</a> , PubMed: <a href="#">21668429</a> ). In vitro also decarboxylates pentacarboxylate porphyrinogen I (PubMed: <a href="#">12071824</a> ).
Cellular Location	Cytoplasm, cytosol {ECO:0000250 UniProtKB:P70697}

## 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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.