

Rabbit UROD Polyclonal Antibody | anti-UROD antibody

UROD antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198973	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Yeast, Zebrafish	Western Blot, Immunohistochemistry

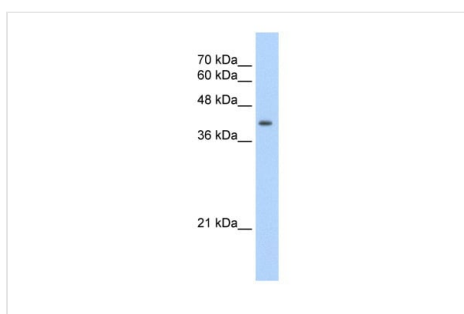
PRODUCT SYNONYMS

UROD; Polyclonal Antibody; UROD antibody - N-terminal region; anti-UROD antibody

PRODUCT SPECIFICATIONS

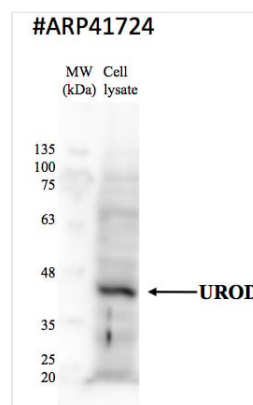
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VP GKGPSFPEPL REEQDLERLR DPEVVASELG YVFQAITLTR QRLAGRVP
Sequence Length	367
Applicable Applications for anti-UROD antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 92%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%; Sheep: 100%; Yeast: 100%; Zebrafish: 83%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human UROD
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



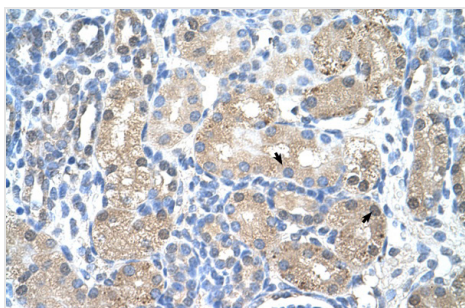
WB (Western Blot)

WB Suggested Anti-UROD Antibody Titration: 2.5ug/ml
Positive Control: HepG2 cell lysate
UROD is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells



WB (Western Blot)

Human HepG2



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

ADDITIONAL INFORMATION

Related Product Information for anti-UROD antibody	This is a rabbit polyclonal antibody against UROD. It was validated on Western Blot and immunohistochemistry Target Description: UROD is the fifth enzyme of the heme biosynthetic pathway. This enzyme is responsible for catalyzing the conversion of uroporphyrinogen to coproporphyrinogen through the removal of four carboxymethyl side chains. Mutations and deficiency in this enzyme are known to cause familial porphyria cutanea tarda and hepatoerythropoetic porphyria. This gene encodes the fifth enzyme of the heme biosynthetic pathway. This enzyme is responsible for catalyzing the conversion of uroporphyrinogen to coproporphyrinogen through the removal of four carboxymethyl side chains. Mutations and deficiency in this enzyme are known to cause familial porphyria cutanea tarda and hepatoerythropoetic porphyria.
Product Categories/Family for anti-UROD antibody	Polyclonal; Drugs and Drug Metabolism; Disease Related; Tissue Specific & Cell Marker; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	71051616
NCBI GeneID	7389
NCBI Accession #	NP_000365
NCBI GenBank Nucleotide #	NM_000374
UniProt Accession #	P06132
Molecular Weight	40kDa
NCBI Official Full Name	uroporphyrinogen decarboxylase
NCBI Official Synonym Full Names	uroporphyrinogen decarboxylase
NCBI Official Symbol	UROD
NCBI Official Synonym Symbols	PCT; UPD
NCBI Protein Information	uroporphyrinogen decarboxylase
UniProt Protein Name	Uroporphyrinogen decarboxylase
UniProt Gene Name	UROD
UniProt Synonym Gene Names	UPD; URO-D
UniProt Entry Name	DCUP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.