

Rabbit anti-Human, Mouse UROD Polyclonal Antibody | anti-UROD antibody

UROD Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279865	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

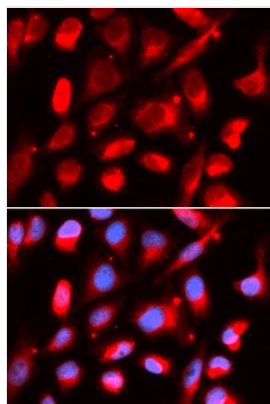
PRODUCT SYNONYMS

UROD; Polyclonal Antibody; UROD Polyclonal Antibody; PCT; UPD; anti-UROD antibody

PRODUCT SPECIFICATIONS

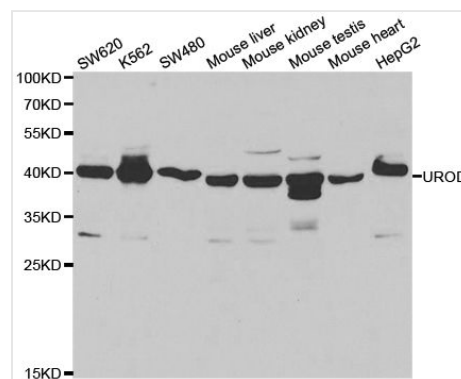
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	367
Applicable Applications for anti-UROD antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human UROD
Calculated Molecular Weight	40kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using UROD antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using UROD antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-UROD antibody	This gene encodes an enzyme in 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

NCBI AND UNIPROT INFORMATION

NCBI GI #	2507533
NCBI GeneID	7389
UniProt Accession #	P06132; Q16863; Q16883; Q53YB8; Q53ZP6; Q6IB28; Q9BUZ0; A8K762
Molecular Weight	367
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; uroporphyrinogen III 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/urod-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279865>