

UROD Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS16106**Specification**

UROD Antibody (Internal) - Product Information

Application	WB, IHC
Primary Accession	P06132
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	41kDa KDa

UROD Antibody (Internal) - Additional Information**Gene ID** 7389**Other Names**

Uroporphyrinogen decarboxylase, UPD, URO-D, 4.1.1.37, UROD

Target/Specificity

Human UROD

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

UROD Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

UROD Antibody (Internal) - 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: [14633982](http://www.uniprot.org/citations/14633982), PubMed: [11069625](http://www.uniprot.org/citations/11069625), PubMed: [21668429](http://www.uniprot.org/citations/21668429), PubMed: [11719352](http://www.uniprot.org/citations/11719352), PubMed: [18004775](http://www.uniprot.org/citations/18004775)). Isomer I or isomer III of uroporphyrinogen may serve as substrate, but only coproporphyrinogen III can ultimately be converted to heme (PubMed: [14633982](http://www.uniprot.org/citations/14633982), PubMed: [11069625](http://www.uniprot.org/citations/11069625), PubMed: [21668429](http://www.uniprot.org/citations/21668429), PubMed: [11719352](http://www.uniprot.org/citations/11719352)). In vitro also

decarboxylates pentacarboxylate porphyrinogen I (PubMed:12071824).

Cellular Location

Cytoplasm.

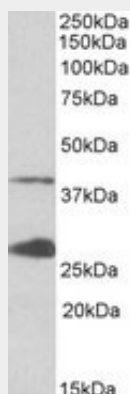
Volume

50 µl

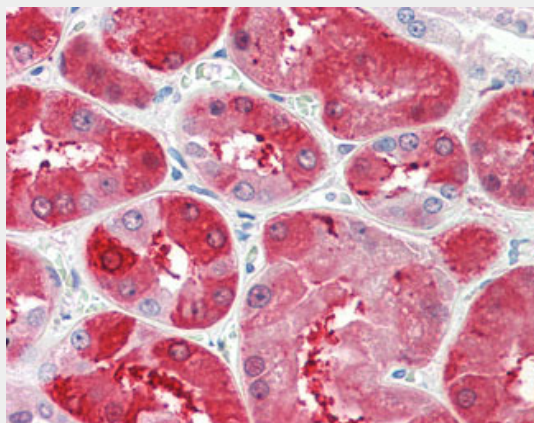
UROD Antibody (Internal) - Protocols

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 (Internal) - Images

UROD antibody (0.1 ug/ml) staining of K562 lysate (35 ug protein in RIPA buffer).



Anti-UROD antibody IHC staining of human kidney.

UROD Antibody (Internal) - Background

Catalyzes the decarboxylation of four acetate groups of uroporphyrinogen-III to yield coproporphyrinogen-III.

UROD Antibody (Internal) - References

Romeo P.-H., et al. J. Biol. Chem. 261:9825-9831(1986).
Moran-Jimenez M.J., et al. Am. J. Hum. Genet. 58:712-721(1996).
Mendez M., et al. Submitted (FEB-1998) to the EMBL/GenBank/DDBJ databases.
Martinez di Montemuros F., et al. Submitted (NOV-1998) to the EMBL/GenBank/DDBJ databases.
Martinez di Montemuros F., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.