

UROD Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3937a**Specification**

UROD Antibody (internal region) - Product Information

Application	WB
Primary Accession	P06132
Other Accession	NP_000365.3 , 7389
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	40787

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

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

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

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

UROD Antibody (internal 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: [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, PubMed:11069625, PubMed:21668429, PubMed:11719352). In vitro also decarboxylates pentacarboxylate porphyrinogen I (PubMed:12071824).

Cellular Location

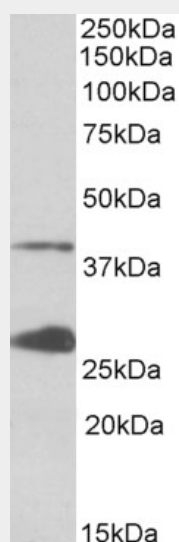
Cytoplasm.

UROD Antibody (internal 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 (internal region) - Images



AF3937a (0.1 µg/ml) staining of K562 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

UROD Antibody (internal region) - References

Hepatoerythropoietic porphyria and familial porphyria cutanea tarda in Spanish patients: G281E mutation in the uroporphyrinogen decarboxylase gene. Darwich E, To-Figueras J, Badenas C, Herrero C. Arch Dermatol. 2010 Nov;146(11):1313-4. PMID: 21079081