

UROD Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58277**Specification**

UROD Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P06132
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40787

UROD Polyclonal Antibody - Additional Information**Gene ID** 7389**Other Names**

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

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

UROD Polyclonal Antibody - 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](http://www.uniprot.org/citations/12071824)).

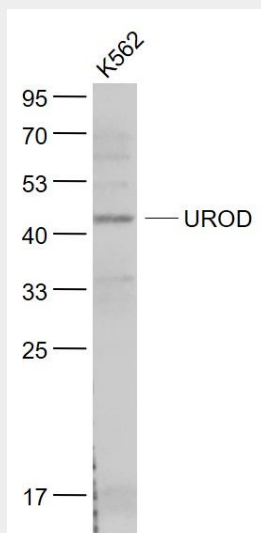
Cellular Location

Cytoplasm.

UROD Polyclonal Antibody - 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 Polyclonal Antibody - Images**Sample:**

K562(Human) Cell Lysate at 30 ug

Primary: Anti- UROD (bs-5094R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 41 kD

Observed band size: 41 kD