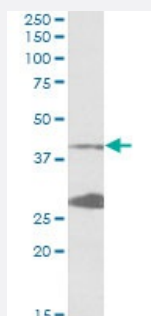


# UROD polyclonal antibody

Catalog # PAB27625      Size 100 ug

## Applications



### Western Blot (Cell lysate)

UROD polyclonal antibody (Cat # PAB27625) (0.1ug/ml) staining of K562 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Specification

<b>Product Description</b>	Goat polyclonal antibody raised against synthetic peptide of UROD.
<b>Immunogen</b>	A synthetic peptide corresponding to internal region of human UROD.
<b>Sequence</b>	KARECVGKTVTLQGN
<b>Host</b>	Goat
<b>Theoretical MW (kDa)</b>	40
<b>Reactivity</b>	Human
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	0.5 mg/mL
<b>Recommend Usage</b>	ELISA (1:128000) Western Blot (0.1-0.3ug/ml) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

**Storage Instruction**

Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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## Gene Info — UROD

**Entrez GeneID**[7389](#)**Protein Accession#**[NP\\_000365.3](#)**Gene Name**

UROD

**Gene Alias**

PCT

**Gene Description**

uroporphyrinogen decarboxylase

**Omim ID**[176100](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

**Other Designations**

OTTHUMP00000010502|fifth enzyme of heme biosynthetic pathway|fifth enzyme of the heme biosynthetic pathway|uroporphyrinogen III decarboxylase

## Pathway

- [Porphyrin and chlorophyll metabolism](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Porphyria](#)
- [Porphyria Cutanea Tarda](#)