

UROD rabbit monoclonal antibody

Catalog # H00007389-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human UROD peptide using ARM Technology.
Immunogen	A synthetic peptide of human UROD is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human UROD peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — UROD

Entrez GeneID	7389
GeneBank Accession#	UROD
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](#)