

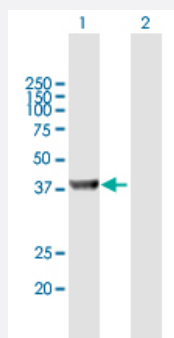
MaxPab®

UROD purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00007389-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of UROD expression in transfected 293T cell line ([H00007389-T01](#)) by UROD MaxPab polyclonal antibody.

Lane 1: UROD transfected lysate(40.37 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human UROD protein.

Immunogen

UROD (AAH01778.1, 1 a.a. ~ 367 a.a) full-length human protein.

Sequence

MEANGLGPQGFPPELKNDTFLRAAWGEETDYTPVWCMRQAGRYLPEFRETRAQDFFSTCRSPE
ACCELTQLPLRRFPLDAAIFSDILVVPQALGMEVTMVPKGPSFPEPLREEQDLERLRDPEVVA
SELGYVFQAITLTRQRLAGRVPLIGFAGAPWTLMTYMEGGGSSTMAQAKRWLYQRPQASHQLLR
ILTDALVPYLVGGVVAGAQAQLQFESHAGHLGPQLFNKFALPYIRDVAKQVKARLREAGLAPVPMII
FAKDGHFALAEELAQAGYEVVGLDWTVPKKARECVGKTVTLQVNLDPICALYASEEEIGQLVKQM
LDDFGPHRYIANLGHGLYPMDPEHVGAFVDAVHKHSRLLRQN

Host

Mouse

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

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

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[Protocol Download](#)

Gene Info — UROD

Entrez GeneID [7389](#)

GeneBank Accession# [BC001778](#)

Protein Accession# [AAH01778.1](#)

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](#)