

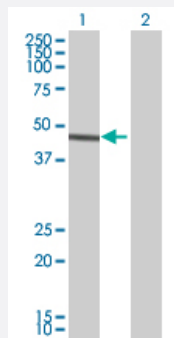
MaxPab®

PPOX MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005498-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PPOX expression in transfected 293T cell line ([H00005498-T01](#)) by PPOX MaxPab polyclonal antibody.

Lane 1: PPOX transfected lysate(52.47 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

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

Immunogen

PPOX (NP_000300, 1 a.a. ~ 477 a.a) full-length human protein.

Sequence

MGRTVVVLGGGISGLAASYHLSRAPCPPKVVLVESSERLGGWIRSVRGPNGAIFELGPRGIRPAG
ALGARTLLLVLSELGLDSEVLPVRGDHPAAQNRFLYVGGALHALPTGLRGLLRSPPFSSKPLFWA
GLRELTKPRGKEPDET VHSFAQRRLGPEVASLAMDSLRCGVFAGNSRELSIRSCFPSLFQAEQT
HRSILLGLLLGAGRTPQPD SALIRQALAEERWSQWSLRGGLEMLPQALETHLTSRGVSVLRGQPVC
GLSLQAEGRWKVSLRDSSLEADHVISAIPASVLSSELLPAEAAPLARALSAITAVSVAVVNLQYQGA
HLPVQGFGLVPSSEDPVGLGMYDSVAFPEQDGSPGLRVTVMLGGSWLQTLEASGCVLSQE
LFQQRQAQEAATQLGLKEMPSHCLVHLHKNCIPQYTLGHWQKLESARQFLTAHRLPLTLGASYE
GVAVNDCIESGRQAASVVLGTEPNS

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 — PPOX

Entrez GeneID [5498](#)

GeneBank Accession# [NM_000309](#)

Protein Accession# [NP_000300](#)

Gene Name PPOX

Gene Alias MGC8485, PPO, V290M, VP

Gene Description protoporphyrinogen oxidase

Omim ID [176200 600923](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the penultimate enzyme of heme biosynthesis, which catalyzes the 6-electron oxidation of protoporphyrinogen IX to form protoporphyrin IX. Mutations in this gene cause variegate porphyria, an autosomal dominant disorder of heme metabolism resulting from a deficiency in protoporphyrinogen oxidase, an enzyme located on the inner mitochondrial membrane. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq]

Other Designations OTTHUMP00000032237|OTTHUMP00000032238|variegate porphyria

Pathway

- [Metabolic pathways](#)

- [Porphyrin and chlorophyll metabolism](#)