

PPOX

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW: 50kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human PPOX

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

VP; PPO; V290M;

Catalog #: A6397

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5498

Isotype: IgG

Swiss Prot: P50336

Purity: Affinity purification

For research use only.

Background:

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.

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