

## 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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