

# CPOX Rabbit pAb

Catalog No.: A3807 **1 Publications**

## Basic Information

### Observed MW

36kDa

### Calculated MW

50kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

The protein encoded by this gene is the sixth enzyme of the heme biosynthetic pathway. The encoded enzyme is soluble and found in the intermembrane space of mitochondria. This enzyme catalyzes the stepwise oxidative decarboxylation of coproporphyrinogen III to protoporphyrinogen IX, a precursor of heme. Defects in this gene are a cause of hereditary coproporphyrinuria (HCP).

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

1371

### Swiss Prot

P36551

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 111-454 of human CPOX (NP\_000088.3).

### Synonyms

COX; CPO; CPX; HCP; HARPO; CPOX

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

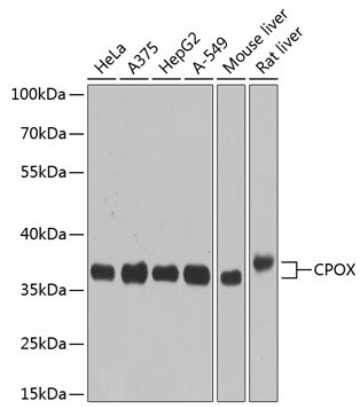
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using CPOX antibody (A3807) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.