

CPOX rabbit monoclonal antibody

Catalog # H00001371-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CPOX peptide using ARM Technology.
Immunogen	A synthetic peptide of human CPOX is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CPOX peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CPOX

Entrez GeneID	1371
GeneBank Accession#	CPOX
Gene Name	CPOX
Gene Alias	CPO, CPX, HCP
Gene Description	coproporphyrinogen oxidase
Omim ID	121300
Gene Ontology	Hyperlink
Gene Summary	Coproporphyrinogen oxidase (EC 1.3.3.3) is the sixth enzyme of the heme biosynthetic pathway. This soluble protein is localized in the intermembrane space of mitochondria and catalyzes the stepwise oxidative decarboxylation of the heme precursor coproporphyrinogen III to protoporphyrinogen IX via the tricarboxylic intermediate harderoporphyrinogen.[supplied by OMIM]
Other Designations	coproporphyrinogen oxidase (coproporphyrin, harderoporphyrin)

Pathway

- [Metabolic pathways](#)
- [Porphyrin and chlorophyll metabolism](#)

Disease

- [Cognition Disorders](#)
- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Mercury Poisoning](#)
- [Neuropsychological Tests](#)
- [Psychomotor Performance](#)