

Rabbit anti-Human CPOX Polyclonal Antibody | anti-CPOX antibody

CPOX Antibody

CATALOG # AAA234393	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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PRODUCT SYNONYMS

CPOX; Polyclonal Antibody; CPOX Antibody; Oxygen-dependent coproporphyrinogen-III oxidase; mitochondrial; COX; Coprogen oxidase; Coproporphyrinogenase; CPO; CPX; anti-CPOX antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	454
Applicable Applications for anti-CPOX antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Oxygen-dependent coproporphyrinogen-III oxidase, mitochondrial protein (19-149AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234393 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



WB (Western Blot)

Western Blot Positive WB detected in: HepG2 whole cell lysate, A549 whole cell lysate. All lanes: CPOX antibody at 5.7ug/ml. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 51, 31 KDa. Observed band size: 51 KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CPOX antibody	Involved in the heme biosynthesis. Catalyzes the aerobic oxidative decarboxylation of propionate groups of rings A and B of coproporphyrinogen-III to yield the vinyl groups in protoporphyrinogen-IX.
Product Categories/Family for anti-CPOX antibody	Metabolism ; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	41393599
NCBI GeneID	1371
NCBI Accession #	NP_000088.3
NCBI GenBank Nucleotide #	NM_000097.5
UniProt Accession #	P36551; Q14060; Q53F08; Q8IZ45; Q96AF3; A8K275; B4DSD5
Molecular Weight	30,383 Da
NCBI Official Full Name	oxygen-dependent coproporphyrinogen-III oxidase, mitochondrial
NCBI Official Synonym Full Names	coproporphyrinogen oxidase
NCBI Official Symbol	CPOX
NCBI Official Synonym Symbols	CPO; CPX; HCP
NCBI Protein Information	oxygen-dependent coproporphyrinogen-III oxidase, mitochondrial
UniProt Protein Name	Oxygen-dependent coproporphyrinogen-III oxidase, mitochondrial
UniProt Gene Name	CPOX
UniProt Synonym Gene Names	CPO; CPX; COX; Coprogen oxidase; Coproporphyrinogenase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cpox-antibody-immunofluorescence-western-blot-elisa/234393>