

Rabbit CPOX Polyclonal Antibody | anti-CPOX antibody

CPOX Polyclonal Antibody

CATALOG # AAA37471	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CPOX; Polyclonal Antibody; CPOX Polyclonal Antibody; CPO; CPX; HCP; anti-CPOX antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	454
Applicable Applications for anti-CPOX antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human CPOX
Calculated Molecular Weight	50kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



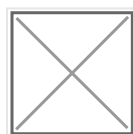
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using CPOX antibody at dilution of 1:100 (40x lens).



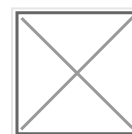
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using CPOX antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophagus using CPOX antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate using CPOX antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-CPOX antibody	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 coproporphyria (HCP).
Product Categories/Family for anti-CPOX antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	67476671
NCBI GeneID	1371
UniProt Accession #	P36551; Q14060; Q53F08; Q8IZ45; Q96AF3; A8K275; B4DSD5
Molecular Weight	454
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; COX; coprogen oxidase; coproporphyrinogenase
UniProt Protein Name	Oxygen-dependent coproporphyrinogen-III oxidase, mitochondrial
UniProt Gene Name	CPOX
UniProt Synonym Gene Names	CPO; CPX; COX; Coprogen oxidase; Coproporphyrinogenase
UniProt Entry Name	HEM6_HUMAN

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-immunohistochemistry-western-blot-elisa/37471>