

For Research Use Only

CPOX Recombinant monoclonal antibody

Catalog Number: 87270-2-RR



Basic Information

Catalog Number:

87270-2-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2858

GenBank Accession Number:

BC023551

GeneID (NCBI):

1371

UNIPROT ID:

P36551

Full Name:

coproporphyrinogen oxidase

Calculated MW:

454 aa, 50 kDa

Observed MW:

36 kDa

Purification Method:

Protein A purification

CloneNo.:

252491B5

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HCT 116 cells, LNCaP cells, Jurkat cells, K-562 cells, mouse liver tissue

Background Information

CPOX(Coproporphyrinogen-III oxidase, mitochondrial) is also named as CPO and CPX. Human CPO is a 76 kDa protein that is active as a homodimer in the mitochondrial intermembrane space (PMID:16159891). Mutations in human CPO gene predict the clinical outcome of the disease, with either hepatic hereditary coproporphyrria or hematological manifestations of erythropoietic harderoporphyrria. CPOX has a transit peptide of 110 aa and the chain contains 344 aa.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

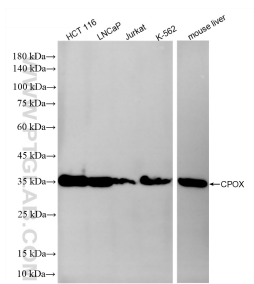
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87270-2-RR (CPOX antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.