

For Research Use Only

CPOX Recombinant monoclonal antibody, PBS Only

Catalog Number: 87270-2-PBS



Basic Information

Catalog Number: 87270-2-PBS	GenBank Accession Number: BC023551	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 1371	CloneNo.: 252491B5
Isotype: IgG	UNIPROT ID: P36551	
Immunogen Catalog Number: AG2858	Full Name: coproporphyrinogen oxidase	
	Calculated MW: 454 aa, 50 kDa	
	Observed MW: 36 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

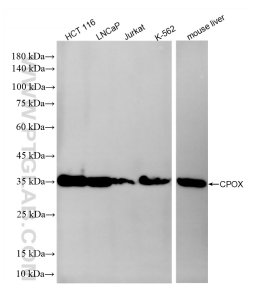
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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. This data was developed using the same antibody clone with 87270-2-PBS in a different storage buffer formulation.