

For Research Use Only

CPOX Recombinant monoclonal antibody

Catalog Number: 87270-2-RR



Basic Information

Catalog Number: 87270-2-RR	GenBank Accession Number: BC023551	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1371	CloneNo.: 252491B5
Source: Rabbit	UNIPROT ID: P36551	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: coproporphyrinogen oxidase	
Immunogen Catalog Number: AG2858	Calculated MW: 454 aa, 50 kDa	
	Observed MW: 36 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HCT 116 cells, LNCaP cells, Jurkat cells, K-562 cells, mouse liver tissue
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

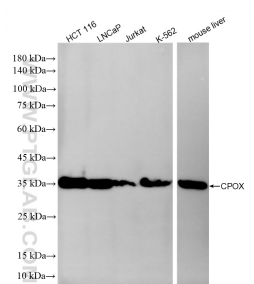
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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.