

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
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1371	CloneNo.: 252491B5
Source: Rabbit	UNIPROT ID: P36551	
Isotype: IgG	Full Name: coproporphyrinogen oxidase	
Immunogen Catalog Number: AG2858	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

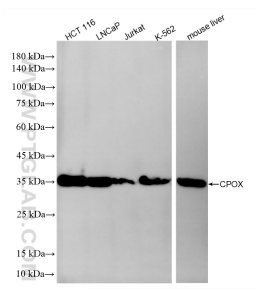
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

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