

Datasheet for ABIN2854549

anti-PPOX antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	PPOX
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPOX antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human PPOX. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to PPOX (protoporphyrinogen oxidase) PPOX antibody [N3C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	PPOX
Alternative Name:	protoporphyrinogen oxidase (PPOX Products)

Target Details

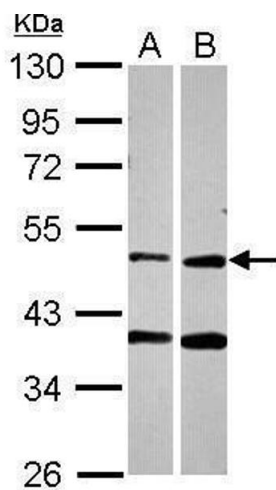
Background:	<p>This gene encodes the penultimate enzyme of heme biosynthesis, which catalyzes the 6-electron oxidation of protoporphyrinogen IX to form protoporphyrin IX. Mutations in this gene cause variegate porphyria, an autosomal dominant disorder of heme metabolism resulting from a deficiency in protoporphyrinogen oxidase, an enzyme located on the inner mitochondrial membrane. Alternatively spliced transcript variants encoding the same protein have been identified.</p> <p>Cellular Localization: Mitochondrion inner membrane, Peripheral membrane protein, Intermembrane side</p>
Molecular Weight:	51 kDa
Gene ID:	5498
UniProt:	P50336
Pathways:	Synaptic Membrane , Feeding Behaviour

Application Details

Application Notes:	<p>WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.</p> <p>Not tested in other applications.</p>
Comment:	Positive Control: A549 , HCT116
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.82 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: A549 B: HCT116 10% SDS PAGE antibody diluted at 1:2000