

Datasheet for ABIN633874 **anti-PPOX antibody (N-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	PPOX
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPOX antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	PPOX antibody was raised using the N terminal of PPOX corresponding to a region with amino acids SSERLGGWIRSVRGPNGAIFELGPRGIRPAGALGARTLLLLVSELGLDSEV
Specificity:	PPOX antibody was raised against the N terminal of PPOX
Purification:	Affinity purified

Target Details

Target:	PPOX
Alternative Name:	PPOX (PPOX Products)
Background:	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

Target Details

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.

Molecular Weight: 51 kDa (MW of target protein)

Pathways: [Synaptic Membrane](#), [Feeding Behaviour](#)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: PPOX Blocking Peptide, catalog no. 33R-8796, is also available for use as a blocking control in assays to test for specificity of this PPOX antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PPOX antibody in PBS

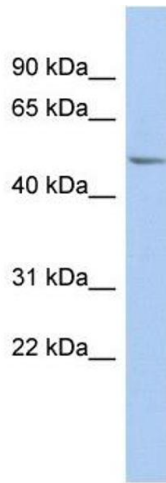
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. PPOX antibody used at 1 ug/ml to detect target protein.