

PPOX antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13900

Product Information

Application	WB
Primary Accession	P50336
Other Accession	NM_000309 , NP_000300
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50765

Additional Information

Gene ID	5498
Alias Symbol	MGC8485, PPO, V290M, VP
Other Names	Protoporphyrinogen oxidase, PPO, 1.3.3.4, PPOX
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-PPOX antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	PPOX antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

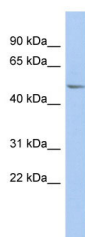
Protein Information

Name	PPOX
Function	Catalyzes the 6-electron oxidation of protoporphyrinogen-IX to form protoporphyrin-IX.
Cellular Location	Mitochondrion inner membrane {ECO:0000250 UniProtKB:P51175}; Peripheral membrane protein {ECO:0000250 UniProtKB:P51175}; Intermembrane side {ECO:0000250 UniProtKB:P51175}
Tissue Location	Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.

References

Nishimura K.,et al.J. Biol. Chem. 270:8076-8080(1995).
Dailey T.A.,et al.Protein Sci. 5:98-105(1996).
Puy H.,et al.Biochem. Biophys. Res. Commun. 226:226-230(1996).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Images



WB Suggested Anti-PPOX Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: HT1080 cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.