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Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56095_P050-HRP
Product Page	www.avivasysbio.com/ppox-antibody-n-terminal-region-hrp-arp56095-p050-hrp.html
Name	PPOX Antibody - N-terminal region : HRP (ARP56095_P050-HRP)
Protein Size (# AA)	477 amino acids
Molecular Weight	51kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	5498
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Protoporphyrinogen oxidase
Alias Symbols	VP, PPO, V290M
Peptide Sequence	Synthetic peptide located within the following region: SSERLGGWIRSVRGPNGAIFELGPRGIRPAGALGARTLLLVSELGLDSEV
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	de Gene 409 (1-2), 83-91 (2008)
Description of Target	PPOX catalyzes the 6-electron oxidation of protoporphyrinogen-IX to form protoporphyrin-IX. 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.
Protein Interactions	HNRNPD; UBC; COPS5; HAP1; PPOX; IMMT;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-PPOX (ARP56095_P050-HRP) antibody
Blocking Peptide	For anti-PPOX (ARP56095_P050-HRP) antibody is Catalog # AAP56095 (Previous Catalog # AAPP37716)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PPOX
Uniprot ID	P50336
Protein Name	Protoporphyrinogen oxidase
Protein Accession #	NP_000300
Purification	Affinity Purified
Nucleotide Accession #	NM_000309
Gene Symbol	PPOX
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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