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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP53632_P050-HRP
Product Page	www.avivasysbio.com/pdha2-antibody-n-terminal-region-hrp-arp53632-p050-hrp.html
Name	PDHA2 Antibody - N-terminal region : HRP (ARP53632_P050-HRP)
Protein Size (# AA)	388 amino acids
Molecular Weight	43kDa
Subunit	alpha, testis-specific form, mitochondrial
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	5161
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Pyruvate dehydrogenase (lipoamide) alpha 2
Alias Symbols	PDHAL
Peptide Sequence	Synthetic peptide located within the following region: RMELKADQLYKQKFIRGFCHLCDGQEACCVGLEAGINPSDHVITSYRAHG
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO ₂ . It contains multiple copies of three enzymatic components: pyruvate dehydrogenase (E1), dihydrolipoamide acetyltransferase (E2) and lipoamide dehydrogenase (E3).
Protein Interactions	MSMO1; HNRNPU; DLAT; CAND1; COPS5; CUL3; PDHB;
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-PDHA2 (ARP53632_P050-HRP) antibody
Blocking Peptide	For anti-PDHA2 (ARP53632_P050-HRP) antibody is Catalog # AAP53632 (Previous Catalog # AAPP44320)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PDHA2
Uniprot ID	P29803
Protein Name	Pyruvate dehydrogenase E1 component subunit alpha, testis-specific form, mitochondrial
Protein Accession #	NP_005381
Purification	Affinity Purified
Nucleotide Accession #	NM_005390
Gene Symbol	PDHA2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 79%; Guinea Pig: 79%; Horse: 85%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 86%; Zebrafish: 79%

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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