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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56681_P050-HRP
Product Page	www.avivasysbio.com/phyh-antibody-n-terminal-region-hrp-arp56681-p050-hrp.html
Name	PHYH Antibody - N-terminal region : HRP (ARP56681_P050-HRP)
Protein Size (# AA)	338 amino acids
Molecular Weight	39kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	5264
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Phytanoyl-CoA 2-hydroxylase
Alias Symbols	RD, LN1, PAHX, LNAP1, PHYH1
Peptide Sequence	Synthetic peptide located within the following region: TLPEILKYVECF TGNIMAMHTMLINKPPDSGKKTSRHPLHQDLHYFPER
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	This gene is a member of the PhyH family and encodes a peroxisomal protein that is involved in the alpha-oxidation of 3-methyl branched fatty acids. Specifically, this protein converts phytanoyl-CoA to 2-hydroxyphytanoyl-CoA. Mutations in this gene have been associated with Refsum disease (RD) and deficient protein activity has been associated with Zellweger syndrome and rhizomelic chondrodysplasia punctata. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Protein Interactions	FAM9B; UBC; APP; ELAVL1; PHYHIP; FKBP4; ACSL6; TOM1L1; PHYH; PEX7; F8; MAGEA11; WRAP73; COPS3;
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-PHYH (ARP56681_P050-HRP) antibody
Blocking Peptide	For anti-PHYH (ARP56681_P050-HRP) antibody is Catalog# AAP56681 (Previous Catalog# AAPP44493)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PHYH
Uniprot ID	O14832
Protein Name	Phytanoyl-CoA dioxygenase, peroxisomal
Protein Accession #	NP_001032626
Purification	Affinity Purified
Nucleotide Accession #	NM_001037537
Gene Symbol	PHYH
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 93%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%

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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