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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	ARP54452_P050-HRP
Product Page	www.avivasysbio.com/hmbs-antibody-middle-region-hrp-arp54452-p050-hrp.html
Name	HMBS Antibody - middle region : HRP (ARP54452_P050-HRP)
Protein Size (# AA)	361 amino acids
Molecular Weight	40kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	3145
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Hydroxymethylbilane synthase
Alias Symbols	UPS, PBGD, PORC, PBG-D
Peptide Sequence	Synthetic peptide located within the following region: SSLRRAAQLQRKFPHFLEFRSIRGNLNLRLRKLDEQQEFSAILATAGLQR
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Kuo,H.C., J. Neurol. Sci. 260 (1-2), 231-235 (2007)
Description of Target	HMBS is a member of the hydroxymethylbilane synthase superfamily. It is the third enzyme of the heme biosynthetic pathway and catalyzes the head to tail condensation of four porphobilinogen molecules into the linear hydroxymethylbilane. Mutations in this gene are associated with the autosomal dominant disease acute intermittent porphyria. This gene encodes a member of the hydroxymethylbilane synthase superfamily. The encoded protein is the third enzyme of the heme biosynthetic pathway and catalyzes the head to tail condensation of four porphobilinogen molecules into the linear hydroxymethylbilane. Mutations in this gene are associated with the autosomal dominant disease acute intermittent porphyria. Alternatively spliced transcript variants encoding different isoforms have been described.
Protein Interactions	RANBP9; APP; UBC;
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-HMBS (ARP54452_P050-HRP) antibody
Blocking Peptide	For anti-HMBS (ARP54452_P050-HRP) antibody is Catalog# AAP54452 (Previous Catalog# AAPP31232)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human HMBS
Uniprot ID	P08397
Protein Name	Porphobilinogen deaminase
Protein Accession #	NP_000181
Purification	Affinity Purified
Nucleotide Accession #	NM_000190
Gene Symbol	HMBS
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 93%; Goat: 93%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 100%; Sheep: 93%; Zebrafish: 91%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base.

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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