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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
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	ARP54313_P050-Biotin
Product Page	www.avivasysbio.com/amt-antibody-n-terminal-region-biotin-arp54313-p050-biotin.html
Name	AMT Antibody - N-terminal region : Biotin (ARP54313_P050-Biotin)
Protein Size (# AA)	403 amino acids
Molecular Weight	44kDa
Conjugation	Biotin
NCBI Gene Id	275
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Aminomethyltransferase
Alias Symbols	GCE, NKH, GCST, GCVT
Peptide Sequence	Synthetic peptide located within the following region: QRAVSVVVARLQGERLQAFPPALCRPLSCAQEVLRRRTPLYDFHLAHGGKMQVA
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Kure,S., (2006) Hum. Mutat. 27 (4), 343-352
Description of Target	The enzyme system for cleavage of glycine (glycine cleavage system; EC 2.1.2.10), which is confined to the mitochondria, is composed of 4 protein components: P protein (a pyridoxal phosphate-dependent glycine decarboxylase), H protein (a lipoic acid-containing protein), T protein (a tetrahydrofolate-requiring enzyme), and L protein (a lipoamide dehydrogenase). Glycine encephalopathy (GCE) may be due to a defect in any one of these enzymes. The enzyme system for cleavage of glycine (glycine cleavage system; EC 2.1.2.10), which is confined to the mitochondria, is composed of 4 protein components: P protein (a pyridoxal phosphate-dependent glycine decarboxylase; MIM 238300), H protein (a lipoic acid-containing protein; MIM 238330), T protein (a tetrahydrofolate-requiring enzyme), and L protein (a lipoamide dehydrogenase; MIM 238331). Glycine encephalopathy (GCE; MIM 605899) may be due to a defect in any one of these enzymes.[supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-2102 D13811.1 1-2102 2103-2117 BC044792.1 3271-3285
Protein Interactions	HSPA8;
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-AMT (ARP54313_P050-Biotin) antibody
Blocking Peptide	For anti-AMT (ARP54313_P050-Biotin) antibody is Catalog # AAP54313 (Previous Catalog # AAP31062)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human AMT
Uniprot ID	P48728
Protein Name	Aminomethyltransferase, mitochondrial
Protein Accession #	NP_000472
Purification	Affinity Purified
Nucleotide Accession #	NM_000481
Gene Symbol	AMT

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 92%
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.