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Produktinformation



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	ARP55333_P050-FITC
Product Page	www.avivasysbio.com/c2orf25-antibody-middle-region-fitc-arp55333-p050-fitc.html
Name	C2orf25 Antibody - middle region : FITC (ARP55333_P050-FITC)
Protein Size (# AA)	296 amino acids
Molecular Weight	33kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	27249
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Methylmalonic aciduria (cobalamin deficiency) cblD type, with homocystinuria
Alias Symbols	cblD, C2orf25, CL25022
Peptide Sequence	Synthetic peptide located within the following region: RAEGYWADFIDPSSGLAFFGPYTNNILFETDERYRHLGFSVDDLGCCKVI
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Coelho,D., (2008) N. Engl. J. Med. 358 (14), 1454-1464
Description of Target	The function of C2orf25 remains unknown. Vitamin B12 (cobalamin) is an essential cofactor in several metabolic pathways. Intracellular conversion of cobalamin to adenosylcobalamin in mitochondria and to methylcobalamin in cytoplasm is necessary for homeostasis of methylmalonic acid and homocysteine. C2ORF25 encodes a protein involved in an early step of cobalamin metabolism (Coelho et al., 2008 [PubMed 18385497]).[supplied by OMIM].
Protein Interactions	MMACHC;
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-MMADHC (ARP55333_P050-FITC) antibody
Blocking Peptide	For anti-MMADHC (ARP55333_P050-FITC) antibody is Catalog # AAP55333 (Previous Catalog # AAPP33205)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human C2orf25
Uniprot ID	Q9H3L0
Protein Name	Methylmalonic aciduria and homocystinuria type D protein, mitochondrial
Protein Accession #	NP_056517
Purification	Affinity Purified
Nucleotide Accession #	NM_015702
Gene Symbol	MMADHC
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%

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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