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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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP53559_P050-Biotin
Product Page	www.avivasysbio.com/crat-antibody-n-terminal-region-biotin-arp53559-p050-biotin.html
Name	CRAT Antibody - N-terminal region : Biotin (ARP53559_P050-Biotin)
Protein Size (# AA)	467 amino acids
Molecular Weight	51kDa
Conjugation	Biotin
NCBI Gene Id	1384
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Carnitine O-acetyltransferase
Alias Symbols	CAT, CAT1, NBIA8
Peptide Sequence	Synthetic peptide located within the following region: MKASSRFEKAHQDALPRLPVPPLQQSLDHLYLKALQPIVSEEWHAHTKQLVD
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Carnitine acetyltransferase (CRAT) is a key enzyme in the metabolic pathway in mitochondria, peroxisomes and endoplasmic reticulum. CRAT catalyzes the reversible transfer of acyl groups from an acyl-CoA thioester to carnitine and regulates the ratio of acylCoA/CoA in the subcellular compartments. Different subcellular localizations of the CRAT mRNAs are thought to result from alternative splicing of the CRAT gene suggested by the divergent sequences in the 5' region of peroxisomal and mitochondrial CRAT cDNAs and the location of an intron where the sequences diverge.
Protein Interactions	NEDD8; SUMO1; PEX5;
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-CRAT (ARP53559_P050-Biotin) antibody
Blocking Peptide	For anti-CRAT (ARP53559_P050-Biotin) antibody is Catalog # AAP53559 (Previous Catalog # AAPS32711)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CRAT
Uniprot ID	P43155
Protein Name	Carnitine O-acetyltransferase
Protein Accession #	EAW87873.1
Purification	Affinity Purified
Nucleotide Accession #	NM_000755
Gene Symbol	CRAT
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 92%; Dog: 92%; Guinea Pig: 91%; Horse: 85%; Human: 100%; Mouse: 92%; Rabbit: 92%; Rat: 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.

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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com