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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SLC25A31 Antibody - N-terminal region : Biotin (ARP53805_P050-Biotin)

Data Sheet

Product Number	ARP53805_P050-Biotin
Product Page	www.avivasysbio.com/slc25a31-antibody-n-terminal-region-biotin-arp53805-p050-biotin.html
Name	SLC25A31 Antibody - N-terminal region : Biotin (ARP53805_P050-Biotin)
Protein Size (# AA)	315 amino acids
Molecular Weight	35kDa
Conjugation	Biotin
NCBI Gene Id	83447
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 31
Alias Symbols	AAC4, ANT4, ANT 4, SFEC35kDa
Peptide Sequence	Synthetic peptide located within the following region: LAGGVAAAVSKTAVAPIERVKLLQVQASSKQISPEARYKGMVDCLVRIP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Kim,Y.H., (2007) Dev. Biol. 302 (2), 463-476
Description of Target	Mitochondrial ADP/ATP carriers, such as SLC25A31, are nuclear-coded mitochondrial proteins that catalyze the exchange of ATP generated in mitochondria by ATP synthase (see MIM 108729) against ADP produced in cytosol by most energy-consuming reactions. Mitochondrial ADP/ATP carriers, such as SLC25A31, are nuclear-coded mitochondrial proteins that catalyze the exchange of ATP generated in mitochondria by ATP synthase (see MIM 108729) against ADP produced in cytosol by most energy-consuming reactions (Dolce et al., 2005 [PubMed 15670820]).[supplied by OMIM].
Protein Interactions	UBC; PPP4C;
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-SLC25A31 (ARP53805_P050-Biotin) antibody
Blocking Peptide	For anti-SLC25A31 (ARP53805_P050-Biotin) antibody is Catalog # AAP53805 (Previous Catalog # AAPP30647)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SLC25A31
Uniprot ID	Q9H0C2
Protein Name	ADP/ATP translocase 4
Protein Accession #	NP_112581
Purification	Affinity Purified
Nucleotide Accession #	NM_031291
Gene Symbol	SLC25A31
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 79%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%

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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