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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	ARP56323_P050-FITC
Product Page	www.avivasysbio.com/atp5d-antibody-c-terminal-region-fitc-arp56323-p050-fitc.html
Name	Atp5d Antibody - C-terminal region : FITC (ARP56323_P050-FITC)
Protein Size (# AA)	168 amino acids
Molecular Weight	18kDa
Subunit	delta, mitochondrial
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	66043
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	ATP synthase, H ⁺ transporting, mitochondrial F1 complex, delta subunit
Alias Symbols	C85518, Atp5f1d, AA960090, AI876556, AU020773, O610008F14Rik, 1500000I11Rik
Peptide Sequence	Synthetic peptide located within the following region: SVQLLAEFAVTLDMLDLGAARANLEKAQSELSGAADFAARAEIQIRIEAN
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Mitochondrial membrane ATP synthase (F1F0 ATP synthase or Complex V) produces ATP from ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. F-type ATPases consist of two structural domains, F1 - containing the extramembraneous catalytic core, and F0 - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP turnover in the catalytic domain of F1 is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Part of the complex F1 domain and of the central stalk which is part of the complex rotary element. Rotation of the central stalk against the surrounding alpha3beta3 subunits leads to hydrolysis of ATP in three separate catalytic sites on the beta subunits.
Protein Interactions	Fbxo32; Invs; Htt;
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-Atp5d (ARP56323_P050-FITC) antibody
Blocking Peptide	For anti-Atp5d (ARP56323_P050-FITC) antibody is Catalog# AAP56323 (Previous Catalog# AAPP38335)
Immunogen	The immunogen is a synthetic peptide corresponding to a region of Mouse
Uniprot ID	Q9D3D9
Protein Name	ATP synthase subunit delta, mitochondrial
Protein Accession #	NP_079589
Purification	Affinity Purified
Nucleotide Accession #	NM_025313
Gene Symbol	Atp5d
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rat: 93%; Zebrafish: 79%
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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