



SZABO SCANDIC

Part of Europa Biosite

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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

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

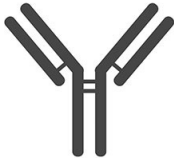
F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

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

| | |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Number | ARP56323_P050-HRP |
| Product Page | www.avivasysbio.com/atp5d-antibody-c-terminal-region-hrp-arp56323-p050-hrp.html |
| Name | Atp5d Antibody - C-terminal region : HRP (ARP56323_P050-HRP) |
| Protein Size (# AA) | 168 amino acids |
| Molecular Weight | 18kDa |
| Subunit | delta, mitochondrial |
| Conjugation | HRP: Horseradish Peroxidase |
| 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: SVQLLAEEAVTLDMLDLGAARANLEKAQSELSGAADFAARAEIQIRIEAN |
| Product Format | Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6. |
| 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-HRP) antibody |
| Blocking Peptide | For anti-Atp5d (ARP56323_P050-HRP) 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.

AVIVA SYSTEMS BIOLOGY

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