

UCP3 Polyclonal Antibody

Catalog # AP72997

Specification

UCP3 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P55916
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

UCP3 Polyclonal Antibody - Additional Information

Gene ID 7352

Other Names

UCP3; SLC25A9; Mitochondrial uncoupling protein 3; UCP 3; Solute carrier family 25 member 9

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage Conditions

-20°C

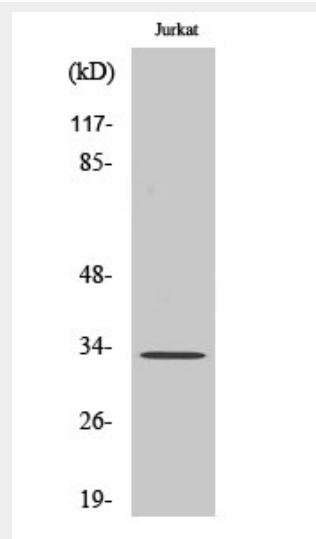
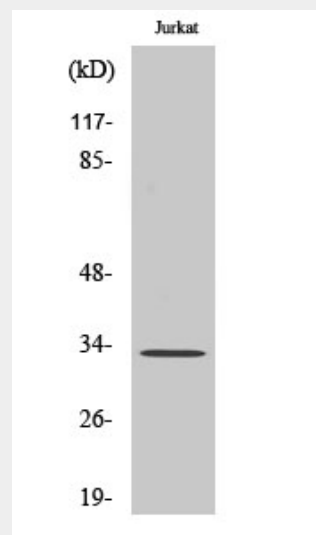
UCP3 Polyclonal Antibody - Protein Information

Name UCP3

Synonyms SLC25A9

Function

UCP are mitochondrial transporter proteins that create proton leaks across the inner mitochondrial membrane, thus uncoupling oxidative phosphorylation. As a result, energy is dissipated in the form of heat. May play a role in the modulation of tissue respiratory control. Participates in thermogenesis and energy balance.



UCP3 Polyclonal Antibody - Background

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Cellular Location

Mitochondrion inner membrane; Multi-pass membrane protein

control. Participates in thermogenesis and energy balance.

Tissue Location

Only in skeletal muscle and heart. Is more expressed in glycolytic than in oxidative skeletal muscles

UCP3 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)