

Product Datasheet

UCP1+UCP3 Antibody



Catalog No: CY7233

Reactivity: Mouse Rat

Isotype: Rabbit IgG

Applications: WB IP

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Information

UniProt ID: P12242(mouse)/P56501(mouse)

All Names: UCP1; UCP3;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 34kDa

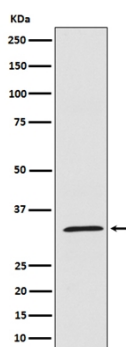
Application

WB 1:500~1:1000

IP 1:50

Background

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 (By similarity).



Western blot analysis of UCP1+UCP3 expression in mouse skeletal muscle cell lysate.

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