Recombinant UCP1 Monoclonal Antibody

catalog number: **AN301682L**

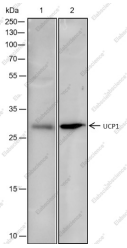
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Mouse;Rat
Immunogen	Recombinant human UCP1 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C421305
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:1000-1:5000
IHC	1:50

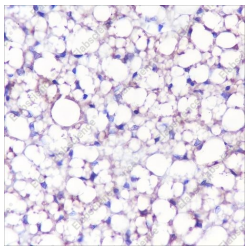
Data



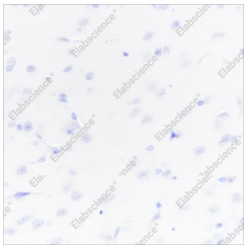
Western Blot with UCP1 Monoclonal Antibody at dilution of 1:5000. Lane 1: Mouse brown adipose, Lane 2: Rat brown adipose

Observed-MW:33 kDa

Calculated-MW:33 kDa



Immunohistochemistry of paraffin-embedded Rat brown adipose using UCP1 Monoclonal Antibody at dilution of 1:50.



Immunohistochemistry of paraffin-embedded Rat cerebrum(Negative tissue) using UCP1 Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	Ice bag

Background

Toll-free: 1-888-852-8623
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Mitochondrial protein responsible for thermogenic respiration, a specialized capacity of brown adipose tissue and beige fat that participates in non-shivering adaptive thermogenesis to temperature and diet variations and more generally to the regulation of energy balance.

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