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11-8045: Polyclonal Antibody to UCP3

Clonality: Polyclonal

Application: WB
Reactivity: Human
Gene: UCP3
Gene ID: 7352
Uniprot ID: P55916
Format: Purified

Alternative Name : UCP3,SLC25A9 Isotype : Rabbit IgG

Immunogen Information: A partial length recombinant UCP3 protein (amino acids 1-300) was used as the immunogen for

this antibody.

Description

Uncoupling protein 3 (mitochondrial, proton carrier) (UCP3) is a mitochondrial membrane protein expressed in humans selectively in skeletal muscle and brown adipose tissue. It is suggested to protect mitochondria against aging and lipid-induced damage, possibly via modulation of reactive oxygen species (ROS) production. UCP3 is an important potential target for treatment of aging, degenerative diseases, diabetes, and perhaps obesity.

Product Info

Amount : $25 \mu g / 100 \mu g$

Purification: Protein A Chromatography

Content: 25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium

azide is highly toxic.

Storage condition:

Storage condition:

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Western blot analysis: 2-4 µg/ml

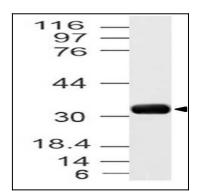


Fig-1: Western blot analysis of UCP3. Anti-UCP3 antibody (11-8045) was used at 4 μ g/ml on MCF-7 lysate.