

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 µg / 100 µg
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 :	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

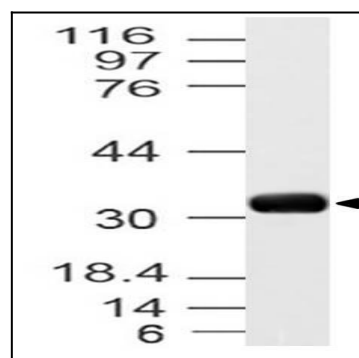


Fig-1: Western blot analysis of UCP3. Anti-UCP3 antibody (11-8045) was used at 4 µg/ml on MCF-7 lysate.