

## 11-8045: Polyclonal Antibody to UCP3

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	UCP3
<b>Gene ID :</b>	7352
<b>Uniprot ID :</b>	P55916
<b>Format :</b>	Purified
<b>Alternative Name :</b>	UCP3,SLC25A9
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	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

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein A Chromatography
<b>Content :</b>	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.
<b>Storage condition :</b>	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

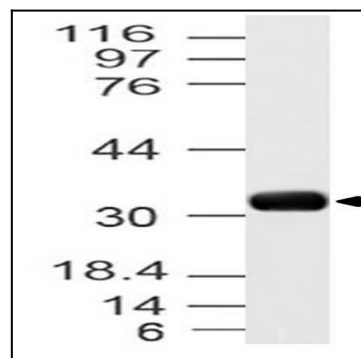


Fig-1: Western blot analysis of UCP3. Anti-UCP3 antibody (11-8045) was used at 4 µg/ml on MCF-7 lysate.