

Datasheet for ABIN5027619  
**anti-UCP3 antibody (AA 1-300)**



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## Overview

Quantity:	100 µg
Target:	UCP3
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UCP3 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	A partial length recombinant UCP3 protein (amino acids 1-300) was used as the immunogen for this antibody.
Isotype:	IgG
Purification:	Protein A Chromatography

## Target Details

Target:	UCP3
Alternative Name:	UCP3 ( <a href="#">UCP3 Products</a> )
Background:	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

## Target Details

	modulation of reactive oxygen species (ROS) production. UCP3 is an important potential target for treatment of aging, degenerative diseases, diabetes, and perhaps obesity.
Molecular Weight:	32 kDa
Gene ID:	7352
UniProt:	<a href="#">P55916</a>
Pathways:	<a href="#">Proton Transport</a>

## Application Details

Application Notes:	WB: 2-4 µg/mL
Restrictions:	For Research Use only

## Handling

Concentration:	0.5 mg/mL
Buffer:	PBS containing 0.05 % BSA, PH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

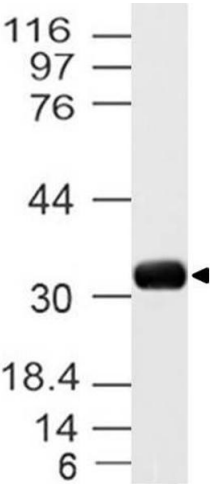


Image 1.