

Datasheet for ABIN7159834  
**anti-UCP1 antibody (AA 2-307) (Biotin)**



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## Overview

Quantity:	100 µg
Target:	UCP1
Binding Specificity:	AA 2-307
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UCP1 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Mitochondrial brown fat uncoupling protein 1 protein (2-307AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	UCP1
Alternative Name:	<a href="#">UCP1 (UCP1 Products)</a>
Background:	Background: UCP are mitochondrial transporter proteins that create proton leaks across the inner mitochondrial membrane, thus uncoupling oxidative phosphorylation from ATP synthesis.

## Target Details

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As a result, energy is dissipated in the form of heat.

Aliases: mitochondrial brown fat uncoupling protein antibody, Mitochondrial brown fat uncoupling protein 1 antibody, SLC25A7 antibody, Solute carrier family 25 member 7 antibody, Thermogenin antibody, UCP 1 antibody, UCP antibody, UCP1 antibody, UCP1\_HUMAN antibody, uncoupling protein 1 (mitochondrial, proton carrier) antibody, Uncoupling protein 1 antibody

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UniProt: [P25874](#)

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Pathways: [Proton Transport, Brown Fat Cell Differentiation](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.