

Datasheet for ABIN7159952
anti-UCP2 antibody (AA 137-180) (Biotin)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	UCP2
Binding Specificity:	AA 137-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UCP2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Mitochondrial uncoupling protein 2 protein (137-180AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	UCP2
Alternative Name:	UCP2 (UCP2 Products)
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

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

Aliases: BMIQ4 antibody, Mitochondrial uncoupling protein 2 antibody, SLC25A8 antibody, Solute carrier family 25 member 8 antibody, UCP 2 antibody, ucp2 antibody, UCP2_HUMAN antibody, UCPH antibody, Uncoupling protein 2 antibody, Uncoupling protein 2 mitochondrial proton carrier antibody

UniProt: [P55851](#)

Pathways: [Negative Regulation of Hormone Secretion](#), [Carbohydrate Homeostasis](#), [Proton Transport](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

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

Preservative: ProClin

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

Storage: -20 °C,-80 °C

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