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Datasheet for ABIN6757249

## anti-UCP3 antibody (3rd Transmembrane Domain)

### Overview

Quantity:	100 µg
Target:	UCP3
Binding Specificity:	3rd Transmembrane Domain
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UCP3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

### Product Details

Immunogen:	A 17 amino acid peptide sequence located at the 2nd and the 3rd TM domain of human UCP3 (1) was used to generate anti-UCP3. The peptide was coupled with KLH (carrier protein).
Isotype:	IgG
Specificity:	Recognizes human Uncoupling Protein 3 (UCP3). Species sequence homology: monkey-88 %, humming bird-78 %, canine, porcine-76 %, mouse, bovine, hamster-70 %, and rat-64 %.
Purification:	Immunoaffinity purified

### Target Details

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

## Target Details

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Background: Name/Gene ID: UCP3  
Subfamily: Mitochondrial carrier  
Family: Transporter  
  
Synonyms: UCP3, SLC25A9, UCP 3, Uncoupling protein-3

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Gene ID: 7352

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UniProt: [P55916](#)

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Pathways: [Proton Transport](#)

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## Application Details

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Application Notes: Approved: ELISA (1:10000 - 1:100000), IHC (2 - 20 µg/mL), WB (1 - 10 µg/mL)

Usage: Suitable for use in ELISA, Western Blot and Immunohistochemistry. Western Blot: 1-10 µg/mL using ECL. ELISA: 1:10000-1:100000 using 50-100 ng UCP31 control peptide/well.  
Immunohistochemistry: 2-20 µg/mL in formaldehyde fixed tissues.

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Comment: Target Species of Antibody: Human

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: Lot specific

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Buffer: PBS, pH 7.4, 0.1 % BSA, 0.02 % sodium merthiolate, 40 % glycerol.

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Preservative: Thimerosal (Merthiolate)

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

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Storage: 4 °C,-20 °C

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Storage Comment: Short term: 4°C  
Long term: Add glycerol (40-50%) -20°C.

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