

Rabbit anti-Human UCP3 Polyclonal Antibody | anti-UCP3 antibody

UCP3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230422	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

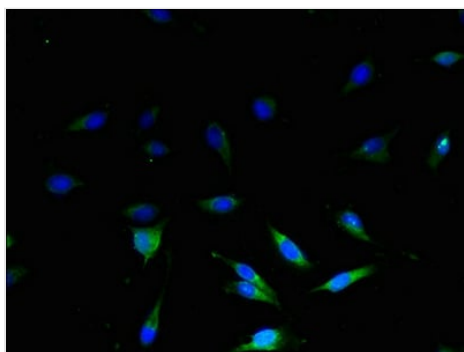
PRODUCT SYNONYMS

UCP3; Polyclonal Antibody; UCP3 Antibody; Mitochondrial uncoupling protein 3; UCP 3; Solute carrier family 25 member 9; SLC25A9; anti-UCP3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	312
Applicable Applications for anti-UCP3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Mitochondrial uncoupling protein 3 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-7756 / sc-31385 / sc-31387
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of U251 cells using AAA230422 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

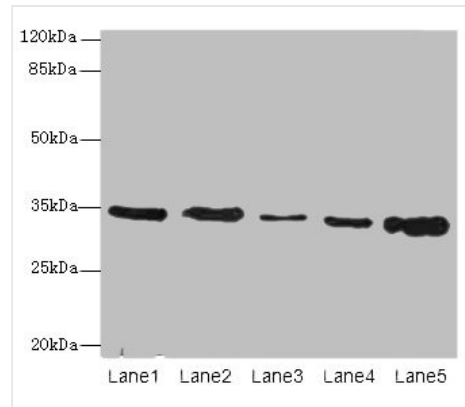

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human heart tissue using AAA230422 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using AAA230422 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: UCP3 antibody at 0.9ug/mlLane 1: Jurkat whole cell lysateLane 2: SH-SY5Y whole cell lysateLane 3: U251 whole cell lysateLane 4: A549 whole cell lysateLane 5: HeLa whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 35,30,23 kDaObserved band size: 34 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-UCP3 antibody

UCP are mitochondrial transporter proteins that create proton leaks across the inner mitochondrial membrane, thus uncoupling oxidative phosphorylation. As a result, energy is dissipated in the form of heat. May play a role in the modulation of tissue respiratory control. Participates in thermogenesis and energy balance.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507807
NCBI GeneID	7352
NCBI Accession #	NP_003347.1
NCBI GenBank Nucleotide #	NM_003356.3
UniProt Accession #	P55916; O60475; Q96HL3
Molecular Weight	22,874 Da
NCBI Official Full Name	mitochondrial uncoupling protein 3 isoform UCP3L
NCBI Official Synonym Full Names	uncoupling protein 3 (mitochondrial, proton carrier)
NCBI Official Symbol	UCP3
NCBI Official Synonym Symbols	SLC25A9
NCBI Protein Information	mitochondrial uncoupling protein 3
UniProt Protein Name	Mitochondrial uncoupling protein 3
UniProt Gene Name	UCP3
UniProt Synonym Gene Names	SLC25A9; UCP 3
UniProt Entry Name	UCP3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ucp3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/230422>