Uncoupling Protein 3, Mitochondrial (UCP3) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Uncoupling Protein 3, Mitochondrial (UCP3), Polyclonal Antibody
Full Product Name	HRP Linked Polyclonal Antibody to Uncoupling Protein 3, Mitochondrial (UCP3)
Product Gene Name	anti-UCP3 antibody
Product Synonym Names	UCP3/Uncoupling Protein 3, Mitochondrial; SLC25A9; Mitochondrial, Proton Carrier; Solute carrier family 25 member 9
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Purity/Purification	Antigenspecific affinity chromatography followed by Protein A affinity chromatography
Concentration	>=0.5mg/mL (Please refer to the vial label for the specific concentration.) (lot specific)
Specificity	The antibody is a rabbit polyclonal antibody raised against UCP3. It has been selected for its ability to recognize UCP3 in immunohistochemical staining and western blotting.
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Matching Pairs	Unconjugated Antibody: UCP3 (MBS2139746) HRP Conjugated Antibody: UCP3 (MBS2136944)
Molecular Weight	33,911 Da
3D Structure	ModBase 3D Structure for P56501
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Met1~Phe308
Conjugation	HRP
Product Categories/Family for anti-UCP3 antibody	Signal transduction; Primary, HRP labeled
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-UCP3 antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)
Application Notes for anti-UCP3 antibody	WB: 0.52ug/mL IHC: 520ug/mL ICC: 520ug/mL
Related Product Information for anti-UCP3 antibody	MBS2136944 is an antibody targeting UCP3. Also known as HRP Linked Polyclonal Antibody to Uncoupling Protein 3, Mitochondrial (UCP3). Reactive in Mouse. Host: Rabbit.

Other Notes	Small volumes of anti-UCP3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UCP3. It may not necessarily be applicable to this product.

NCBI GI #	6678495
NCBI GeneID	22229
NCBI Accession #	NP_033490.1
UniProt Primary Accession #	P56501
UniProt Secondary Accession #	O88293
UniProt Related Accession #	P56501
GenBank Nucleotide #	NM_009464.3
NCBI Official Full Name	mitochondrial uncoupling protein 3
NCBI Official Synonym Full Names	uncoupling protein 3 (mitochondrial, proton carrier)
NCBI Official Symbol	Ucp3
NCBI Official Synonym Symbols	UCP-3; Slc25a9; AI645527
UniProt Protein Name	Mitochondrial uncoupling protein 3
UniProt Synonym Protein Names	Solute carrier family 25 member 9
Protein Family	UBA domain-containing protein
UniProt Gene Name	Ucp3
UniProt Synonym Gene Names	Slc25a9; UCP 3
UniProt Entry Name	UCP3_MOUSE
NCBI Protein Information	mitochondrial uncoupling protein 3; UCP 3; solute carrier family 25 member 9; uncoupling protein 3, mitochondrial
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