

Mouse anti-Human Uncoupling Protein 2 (UCP2) Monoclonal Antibody | anti-UCP2 antibody

Monoclonal Antibody to Uncoupling Protein 2, Mitochondrial (UCP2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA146569	Mouse	Human	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

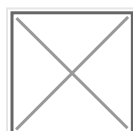
PRODUCT SYNONYMS

Uncoupling Protein 2 (UCP2); Monoclonal Antibody; Monoclonal Antibody to Uncoupling Protein 2; Mitochondrial (UCP2); SLC25A8; UCPH; Solute carrier family 25 member 8; anti-UCP2 antibody

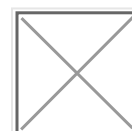
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	C1
Specificity	The antibody is a mouse monoclonal antibody raised against UCP2. It has been selected for its ability to recognize UCP2 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-UCP2 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Uncoupling Protein 2, Mitochondrial (UCP2) (Arg154~Val289)
Cross Reactivity	Human
Buffer Formulation	PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.
Label	None
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles. 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.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Kidney Tissue.



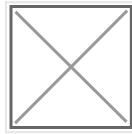
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Glioma Tissue.

**IHC (Immunohistochemistry)**

DAB staining on IHC-P; Samples: Human Liver Tissue.

**IHC (Immunohistochemistry)**

DAB staining on IHC-P; Samples: Human Stomach Tissue

**WB (Western Blot)**

Western Blot; Sample: Recombinant UCP2, Human.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13259541
NCBI GeneID	7351
NCBI Accession #	NP_003346.2
NCBI GenBank Nucleotide #	NM_003355.2
UniProt Accession #	P55851; Q4PJH8; Q53HM3
Molecular Weight	33,229 Da
NCBI Official Full Name	mitochondrial uncoupling protein 2
NCBI Official Synonym Full Names	uncoupling protein 2
NCBI Official Symbol	UCP2
NCBI Official Synonym Symbols	UCPH; BMIQ4; SLC25A8
NCBI Protein Information	mitochondrial uncoupling protein 2
UniProt Protein Name	Mitochondrial uncoupling protein 2
UniProt Gene Name	UCP2
UniProt Synonym Gene Names	SLC25A8; UCP 2

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/monoclonal/uncoupling-protein-2-ucp2-antibody-clone-c1-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/146569>