Anti-UCP3 [A2 P2D5*A3]

Catalogue number: 158040
Sub-type:
Images:

Contributor

Inventor: Abdo Alnabulsi
Institute: Vertebrate Antibodies Limited
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-UCP3 [A2 P2D5*A3]

Alternate name:

Class: Monoclonal
Conjugate: Unconjugated
Description: A monoclonal antibody (mAb) against human UCP3. UCPs are members of mitochondrial anion carrier proteins (MACP) family. UCPs create proton leaks across the inner to outer mitochondrial membrane by uncoupling oxidative phosphorylation from ATP synthesis. As a result, energy is dissipated in the form of heat. It is thought to play a role in non-shivering thermogenesis, obesity and diabetes. UCP3 is an important mediator of thermogenesis.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1 kappa
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Ovalbumin-conjugated synthetic peptide: KVQMLRESPF. Peptide immunogen is 100% identical in many mammals including, whales, horses, bears, apes, monkeys, elepahnsts.
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:

Recommended controls: ELISA- Peptide immunogen & recombinant protein Western Blot- recombinant protein IHC- formalin-fixed, paraffin-embedded multi-tissue microarray (expression was profiles over 54 different human tissues)
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Uncoupling Protein 3

Target alternate names:

Target background: A monoclonal antibody (mAb) against human UCP3. UCPs are members of mitochondrial anion carrier proteins (MACP) family. UCPs create proton leaks across the inner to outer mitochondrial membrane by uncoupling oxidative phosphorylation from ATP synthesis. As a result, energy is dissipated in the form of heat. It is thought to play a role in non-shivering thermogenesis, obesity and diabetes. UCP3 is an important mediator of thermogenesis.

Molecular weight:

Ic50:

Applications

Application: ELISA ; IHC ; WB
Application notes:

Handling

Format: Liquid
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: