

Anti-UCP1 [Vab12 P4B12*A12]

Catalogue number: 152686

Sub-type: Primary antibody

Images:

Contributor

Inventor: Ayham Alnabulsi

Institute: Vertebrate Antibodies Limited

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-UCP1 [Vab12 P4B12*A12]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: UCP are mitochondrial transporter proteins that create proton leaks across the inner mitochondrial membrane, thus uncoupling oxidative phosphorylation from ATP synthesis. As a result, energy is dissipated in the form of heat.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1 kappa

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Ovalbumin-conjugated synthetic peptide - (10 amino acids) derived from the middle polypeptide region of human UCP1. The exact sequence is proprietary.

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: WB- Jurkat whole cell lysate or overexpression cell lysate; IHC-formalin-

fixed, paraffin-embedded human breast cancer

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Uncoupling Protein 1 (Mitochondrial, Proton Carrier) (UCP1)

Target alternate names:

Target background: UCP are mitochondrial transporter proteins that create proton leaks across the inner mitochondrial membrane, thus uncoupling oxidative phosphorylation from ATP synthesis. As a result, energy is dissipated in the form of heat.

Molecular weight:

Ic50:

Applications

Application: ELISA ; IHC ; WB

Application notes:

Handling

Format: Liquid

Concentration: 1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: The expression of brown fat-associated proteins in colorectal cancer and the relationship of uncoupling protein 1 with prognosis. ; The expression of brown fat associated proteins in colorectal cancer and the relationship of uncoupling protein 1 with prognosis. Alnabulsi et al. 2019. Int J Cancer. :. PMID: 30737786.

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