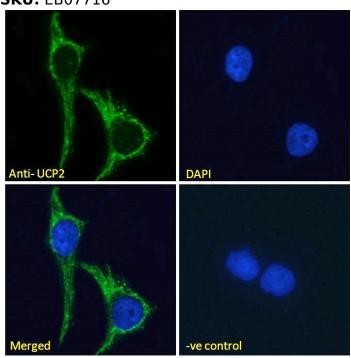






GOAT ANTI-UNCOUPLING PROTEIN 2 / UCP2 ANTIBODY

SKU: EB07716



SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 μg

Storage

Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym /

Alias

uncoupling protein-2|uncoupling protein 2|UCPH|SLC25A8|uncoupling protein 2 (mitochondrial, proton

carrier)|UCP2 **Names**

Immunofluorescence: Strong expression of the protein seen in the Mitochondria of MCF7 Usage

Summary cells. Recommended concentration: 10µg/ml.

Accession

NP_003346.2

Blocking Peptide

EBP07716

Immunogen

Peptide with sequence C-DSVKQFYTKGSEH, from the internal region of the protein sequence according to NP 003346.2.





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Peptide

C-DSVKQFYTKGSEH

Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

7351

Shipping

Instructions

Refrigerated

Predicted Species

Human, Mouse, Rat, Dog

Reactive **Species**

Human, Mouse, Rat

Human

Gene ID

Mouse 22228 Gene ID

Rat Gene ID 54315

Product

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png

Grade

IHC Results Weak positive staining of red and white pulp cells in parafin embedded Human Kidney, at 6-7ug/ml.

ELISA

Antibody detection limit dilution 1:128000. Detection

Limit

Western

Approx 37kDa band observed in Rat Adipose and 28-30kDa in Mouse Spleen lysates (calculated MW of 33.4kDa according to Mouse NP_035801.3 and 33.4kDa according to Rat NP_062227.2). Recommended

concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

Application

Type

Blot

Pep-ELISA, WB, IF

SELECTED REFERENCES

[{"pmid": 23434936, "intro": "This antibody (previous batch) has been successfully used in IF/ICC in Mouse:", "title": "UCP2 Regulates the Glucagon Response to Fasting and Starvation.", "author": "Allister EM, Robson-Doucette CA, Prentice KJ, Hardy AB, Sultan S, Gaisano HY, Kong D, Gilon P, Herrera PL, Lowell BB, Wheeler MB.", "journal": "Diabetes. 2013 Feb 22. [Epub ahead of print]"}]

DOCUMENTS

Data Sheet

GALLERY IMAGES



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