Anti-Uncoupling protein 2/UCP2 antibody (Internal) (STJ71137)

STJ71137

GENERAL INFORMATION

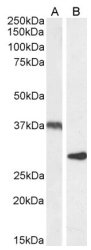
Product Type Primary antibodies
Short Description Goat polyclonal antibody anti-Uncoupling protein 2/UCP2 (Internal) is suitable for use in ELISA, Immunofluorescence and Immunohistochemistry research applications.
Applications Pep-ELISA, IF, IHC
Host/Source Goat
Reactivity Human, Mouse, Rat, Dog

PRODUCT PROPERTIES

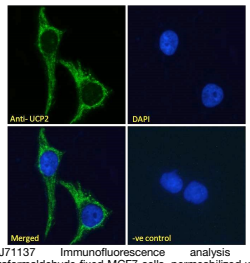
Clonality Polyclonal
Clone ID
Concentration 0.5 mg/mL
Conjugation Unconjugated
Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range WB-0.3-1µg/ml
IF-Immunofluorescence: Strong expression of the protein seen in the Mitochondria of MCF7 cells. 10µg/ml
ELISA-antibody detection limit dilution 1:128000.
Formulation 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Isotype IgG
Storage Instruction Store at-20 on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

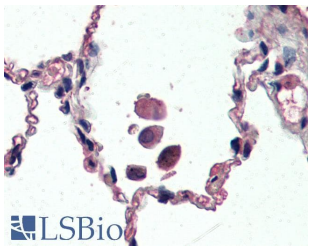
Gene ID 7351
Gene Symbol UCP2
Uniprot ID UCP2_HUMAN
Immunogen
Immunogen Region Internal
Specificity
Immunogen Sequence DSVKQFYTKGSEH



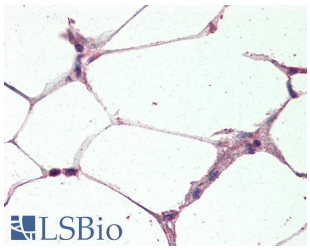
STJ71137 (1µg/ml) staining of Rat Adipose (A) and Mouse Spleen (B) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ71137 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0. 15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml) , showing Mitochondrial staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



STJ71137 (3. 75µg/ml) staining of paraffin embedded Human Lung. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. This data is from a previous batch, not on sale.



STJ71137 (3. 75µg/ml) staining of paraffin embedded Human Adipocytes. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining. This data is from a previous batch, not on sale.

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