

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

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB/IF
Host / Source	Goat
Reactivity	Human/Mouse/Rat/Dog

PRODUCT PROPERTIES

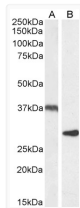
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:128000. WB: Approx 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). Reco
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

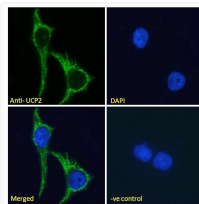
Gene ID	7351
Gene Symbol	UCP2
UniProt ID	UCP2_HUMAN
Immunogen Region	Internal
Immunogen Sequence	DSVKQFYTKGSEH

ADDITIONAL INFORMATION

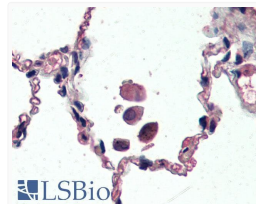
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



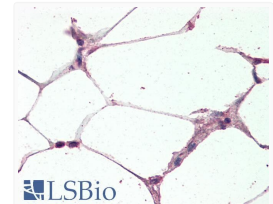
STJ71137 (1µg/ml) staining of Rat Adipose (A) and Mouse Spleen (B) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



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.