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Research Use Only. Not for diagnostic or therapeutic use.

EB06994 - Goat Anti-UCP1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: UCP1, uncoupling protein 1 (mitochondrial, proton carrier),

HGNC:12517, SLC25A7, UCP, mitochondrial brown fat uncoupling protein, uncoupling

protein

Official Symbol: UCP1

Accession Number(s): NP_068605.1

Human GeneID(s): 7350

Immunogen

 $\label{eq:continuous} \mbox{Peptide with sequence C-EQLKRELSKSRQ, from the C Terminus of the protein sequence}$

according to NP_068605.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

bumin.

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

Applications Tested

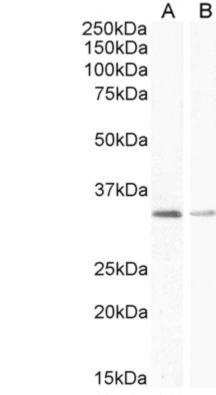
Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 35kDa band observed in Rat Adipose tissue and Skeletal Muscle lysates (calculated MW of 33.2kDa according to Rat NP_036814.1). Recommended concentration: 0.5-1 μg/ml. . Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog



EB06994 (1 μ g/ml) staining of Rat Adipose (A) and (0.5 μ g/ml) Skeletal Muscle (B) lysate (35 μ g protein in RIPA buffer) Detected by chemiluminescence.