



UCP1 Rabbit pAb

db9840 Package: 20μL 50μL 100μL

Product Name: UCP1 Rabbit pAb

Cat.No.: db9840

Synonyms: Ucp; Slc25a7 Application: WB, IHC, IP Reactivity: Mouse, Rat Host species: Rabbit

Background Enables long-chain fatty acid binding activity; oxidative phosphorylation uncoupler activity; and

purine ribonucleotide binding activity. Involved in several processes, including cellular response to cold; diet induced thermogenesis; and positive regulation of cold-induced thermogenesis. Acts upstream of or within brown fat cell differentiation and regulation of transcription by RNA polymerase II. Located in mitochondrial inner membrane. Is expressed in several structures, including adipose tissue; adrenal gland; submandibular gland; testis; and thymus. Human ortholog(s) of this gene implicated in hypertension and type 2 diabetes mellitus. Orthologous to

human UCP1 (uncoupling protein 1). [provided by Alliance of Genome Resources, Apr 2022]

Immunogen A synthetic peptide of mouse UCP1

Gene ID 22227, 24860

Swiss Prot P12242, P04633

Synonyms Ucp; Slc25a7

Reactivity Mouse, Rat

Application WB, IHC, IP

Recommended dilution WB: 1:1000

IHC: 1:500

IP: 1:20

Calculated MW 33 kDa

Observed MW 33 kDa

Host species Rabbit

Clonality Polyclonal

Isotype IgG



For Research Use Only **Product Datasheet**

Purity Affinity Purification

Conjugation Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

azide and 0.05% BSA. Stable for 12 months from date of receipt.