

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

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.