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.