

UCP1 (8C9) Rabbit Monoclonal Antibody
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Catalog # AP93774**Specification**

UCP1 (8C9) Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC, IP
Primary Accession	P12242 , P04633
Reactivity	Rat, Mouse
Clonality	Monoclonal

UCP1 (8C9) Rabbit Monoclonal Antibody - Additional Information**Dilution**

WB~~1:1000
IHC~~1:100~500
IP~~N/A

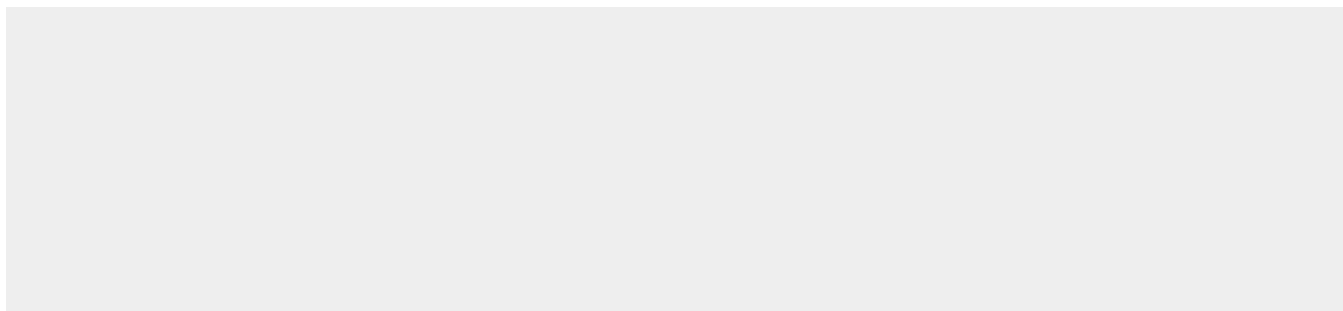
Storage Conditions

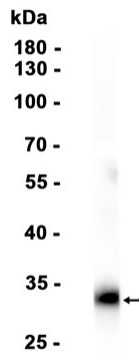
-20°C

UCP1 (8C9) Rabbit Monoclonal Antibody - Protein Information**UCP1 (8C9) Rabbit Monoclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

UCP1 (8C9) Rabbit Monoclonal Antibody - Images

Mouse brown adipose

Western blot analysis of extracts from Mouse brown adipose tissue using AP93774 at 1:5000.

UCP1 (8C9) Rabbit Monoclonal Antibody - 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]