

Anti-UCP1 Rabbit pAb



WL04549

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Choline Acetyltransferase Rabbit pAb	
Source	Rabbit	
Species reactivity	Human	
Tested applications	Western blot	1:1000-1:2000
<i>*Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.</i>		
Pack size	50/100/200/500/1000μ	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	Mitochondrial uncoupling proteins (UCP) are members of the family of mitochondrial anion carrier proteins (MACP). UCP1 forms a dimer that acts as a proton channel, which can uncouple oxidative phosphorylation by dissipating the electrochemical potential across the inner mitochondrial membrane. This gene is expressed only in brown adipose tissue, a specialized tissue which functions to produce heat.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of UCP1.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

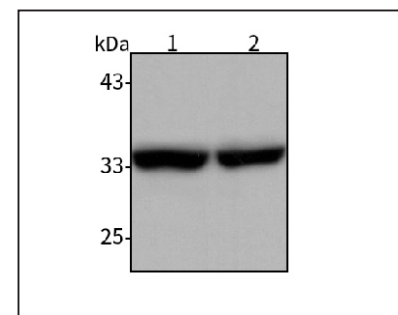
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Product Images



Western blot-Anti-UCP1 pAb

Lane 1: Human Hela cell lysate

Lane 2: Human A2780 cell lysate

All lanes: Anti-UCP1 at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane.

Predicted band size: 33 kDa