For Research Use Only

UCP2 Monoclonal antibody

Catalog Number:66700-1-lg 1 Publications

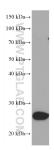


Basic Information	Catalog Number: 66700-1-lg	GenBank Accession Number: BC011737	Purification Method: Protein A purification		
	Size:	GenelD (NCBI):	CloneNo.:		
	150ul , Concentration: 2000 ug/ml by Nanodrop and 827 ug/ml by Bradford method using BSA as the standard;		2B4B1		
		UNIPROT ID:	Recommended Dilutions:		
		P55851	WB 1:1000-1:4000		
	Source: Mouse Isotype: IgG3 Immunogen Catalog Number: AG19361	Full Name:			
		uncoupling protein 2 (mitochondrial, proton carrier) Calculated MW: 33 kDa			
				Observed MW:	
				28 kDa	
		Applications	Tested Applications:	Positive Controls:	
			WB, ELISA	WB : Jurka	WB : Jurkat cells, human adipose tissue, human
Cited Applications: WB	skeletal muscle tissue				
Species Specificity: Human					
Cited Species:					
	human				
Background Information	UCP2 (uncoupling protein 2) is a men mitochondrial inner membrane. The adipose; UCP3 preferentially in skele system (18167556). In contract, UCP2 pathophysiological processes, includ corresponding to UCP2 protein in mot observed due to the dimer formation against the full-length UCP2 protein in	UCPs differ greatly in tissue distri- tal muscle, brown adipose and he has a broad distribution and is im ing diabetes and cancer. This antil use liver, skeletal muscle and pan and degradation of the UCP2 prote and may cross-react with UCP3. It i	bution: UCP1 is expressed only in brown art; UCP4 and UCP5 mainly in the nervous plicated in a wide range of body detect a band around 28-33 kDa creas. Some upper and lower bands also we ein (20103532). This antibody was raised is notable that UCP2 is known to have a ver		
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For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free E: proteintech@ptglab.com in USA), or 1(312) 455-8498 (outside USA) W: ptglab.com

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Selected Validation Data







Jurkat cells were subjected to SDS PAGE followed by western blot with 66700-1-Ig (UCP2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. human adipose tissue were subjected to SDS PAGE followed by western blot with 66700-1-1g (UCP2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 66700-1-Ig (UCP2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.