

For Research Use Only

OXCT1 Recombinant antibody, PBS Only



Catalog Number: 81011-1-PBS

Basic Information

Catalog Number: 81011-1-PBS	GenBank Accession Number: BC009001	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 5019	CloneNo.: 4K12
Source: Rabbit	UNIPROT ID: P55809	
Isotype: IgG	Full Name: 3-oxoacid CoA transferase 1	
Immunogen Catalog Number: AG2818	Calculated MW: 520 aa, 56 kDa	
	Observed MW: 56 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IF

Species Specificity:
Human, mouse, rat

Background Information

3-oxoacid-CoA transferase 1 (OXCT1), encoded by nuclear gene, is a mitochondrial CoA transferase required for ketone body degradation. It catalyzes the transfer of CoA from succinyl-CoA to acetoacetate, generating acetoacetyl-CoA. OXCT1 is expressed in brain, heart, and skeletal muscle, but not in liver. This antibody specifically recognizes endogenous OXCT1. (21209089)

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

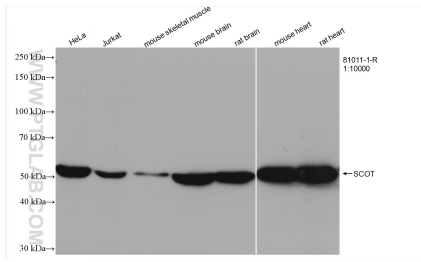
T: 4006900926

E: Proteintech-CN@ptglab.com

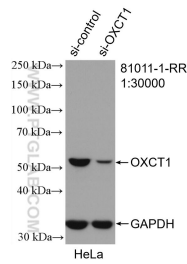
W: ptgcn.com

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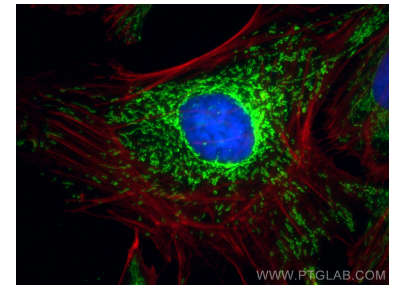
Selected Validation Data



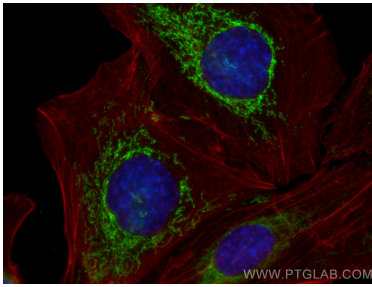
Various lysates were subjected to SDS PAGE followed by western blot with 81011-1-RR (OXCT1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 81011-1-PBS in a different storage buffer formulation.



WB result of OXCT1 antibody (81011-1-RR; 1:30000; incubated at room temperature for 1.5 hours) with sh-Control and sh-OXCT1 transfected HeLa cells. This data was developed using the same antibody clone with 81011-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using OXCT1 antibody (81011-1-RR, Clone: 4K12) at dilution of 1:500 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 81011-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (10% Formaldehyde) fixed SKOV-3 cells using OXCT1 antibody (81011-1-RR, Clone: 4K12) at dilution of 1:500 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 81011-1-PBS in a different storage buffer formulation.