

For Research Use Only

OXCT1 Recombinant antibody, PBS Only

Catalog Number: 81011-1-PBS



Basic Information

Catalog Number:

81011-1-PBS

Size:

100ug, Concentration: 1mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2818

GenBank Accession Number:

BC009001

GeneID (NCBI):

5019

UNIPROT ID:

P55809

Full Name:

3-oxoacid CoA transferase 1

Calculated MW:

520 aa, 56 kDa

Observed MW:

56 kDa

Purification Method:

Protein A purification

CloneNo.:

4K12

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

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:

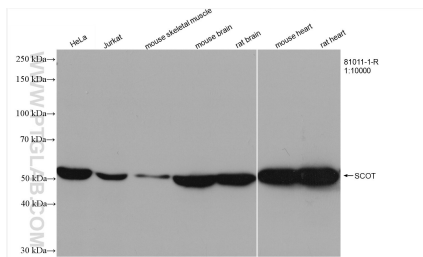
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

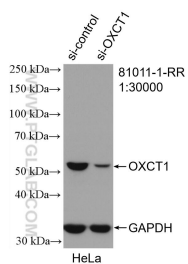
W: ptglab.com

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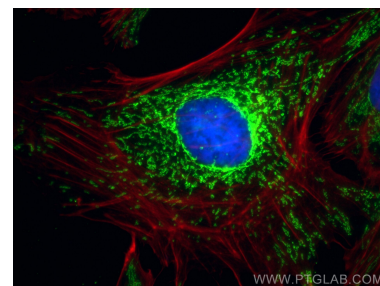
Selected Validation Data



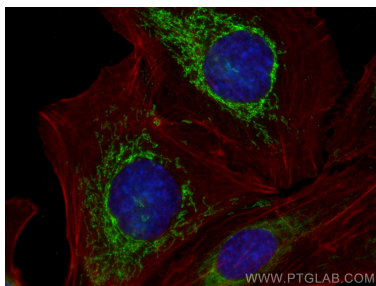
Various lysates were subjected to SDS PAGE followed by western blot with 81011-1-RR (OXCT1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 81011-1-PBS in a different storage buffer formulation.



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.