

Nur für Forschungszwecke

# OXCT1 Monoklonaler Antikörper

Katalog-Nr.:67836-1-Ig

Vorgestelltes Produkt



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 67836-1-Ig	<b>GenBank-Zugangsnummer:</b> BC009001	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 150ul , Konzentration: 500 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 5019	<b>CloneNo.:</b> 1G1B9
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> 3-oxoacid CoA transferase 1	<b>Empfohlene Verdünnungen:</b> WB 1:5000-1:50000 IHC 1:500-1:2000 IF 1:200-1:800
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 520 aa, 56 kDa	
<b>Immunogen Katalognummer:</b> AG24792	<b>Beobachtete Masse:</b> 52-56 kDa	

## Anwendungen

### Geprüfte Anwendungen:

IF, IHC, WB, ELISA

### Getestete Reaktivität:

Hausschwein, Human, Kaninchen, Maus, Ratte

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

### Positivkontrollen:

**WB:** Rattenherzgewebe, Hausschwein-Hirngewebe, HeLa-Zellen, Jurkat-Zellen, Kaninchenhirngewebe, Maushirngewebe, Rattenhirngewebe

**IHC:** Rattenhirngewebe,

**IF:** MCF-7-Zellen, HeLa-Zellen

## Hintergrundinformationen

OXCT1 (also known as SCOT), 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)

## Lagerung

### Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

### Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

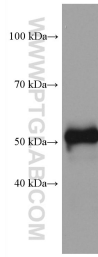
For technical support and original validation data for this product please contact:

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

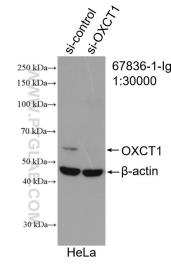
E: proteintech@ptglab.com  
W: ptglab.com

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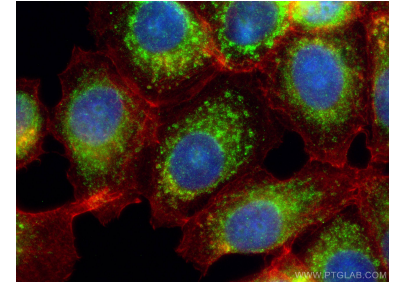
## Ausgewählte Validierungsdaten



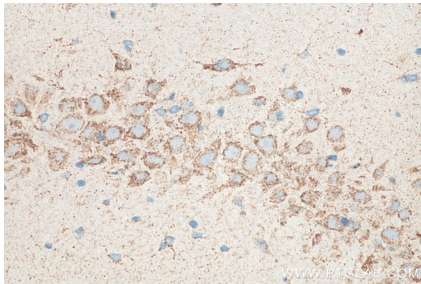
rat heart tissue were subjected to SDS PAGE followed by western blot with 67836-1-Ig (SCOT antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



WB result of OXCT1 antibody (67836-1-Ig; 1:30000; incubated at room temperature for 1.5 hours) with sh-Control and sh-OXCT1 transfected HeLa cells.



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using OXCT1 antibody (67836-1-Ig, Clone: 1G1B9) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 67836-1-Ig (OXCT1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using OXCT1 antibody (67836-1-Ig, Clone: 1G1B9) at dilution of 1:500 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using OXCT1 antibody (67836-1-Ig, Clone: 1G1B9) at dilution of 1:500 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).