

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Aconitase 1



Numéro de catalogue: 12406-1-AP

8 Publications

Informations de base

Numéro de catalogue:
12406-1-AP

Taille:
150ul, Concentration: 500 µg/ml by
Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG3083

Numéro d'acquisition GenBank:
BC018103

Identification du gène (NCBI):
48

Nom complet:
aconitase 1, soluble

MW calculé:
889 aa, 98 kDa

MW observés:
98 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:1000-1:4000
IP 0.5-4.0 ug for IP and 1:200-1:1000
for WB
IF 1:50-1:500

Applications

Applications testées:
IF, IP, WB, ELISA

Demandes citées:
IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, souris

Contrôles positifs:

WB : cellules HeLa, cellules HepG2, tissu hépatique de
rat, tissu hépatique de souris, tissu rénal de souris

IP : tissu hépatique de souris,

IF : cellules U2OS,

Informations générales

Mammalian cells possess two distinct isoforms of aconitase encoded by different genes: Aconitase 1 [ACO1; cytosolic aconitase (c-aconitase)] encoded by ACO1 and Aconitase 2 [ACO2; mitochondrial aconitase (m-aconitase)] encoded by ACO2. In addition to the enzymatic roles in the cytoplasm, ACO1 also is known to bind to mRNAs of specific genes and maintain iron homeostasis.

Publications notables

Autrice	Pubmed ID	Journal	Application
Lalit Pukhrambam Singh	35187384	JOJ Ophthalmol	WB
Haipeng Cheng	34175430	Biochim Biophys Acta Mol Basis Dis	WB
Sara Ceccacci	32498414	Biomolecules	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

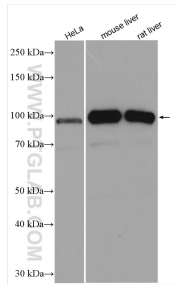
For technical support and original validation data for this product please contact:

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

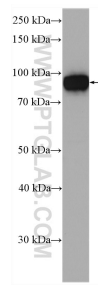
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

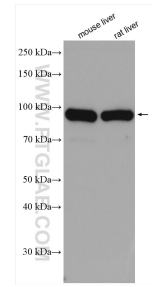
Données de validation sélectionnées



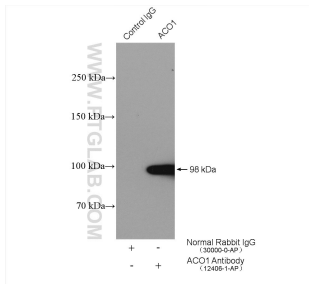
Various lysates were subjected to SDS PAGE followed by western blot with 12406-1-AP (Aconitase 1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



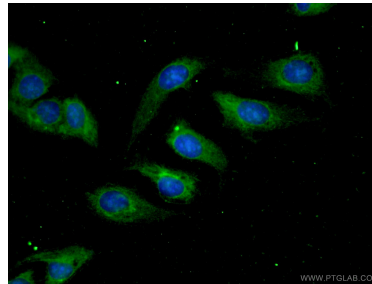
mouse kidney tissue were subjected to SDS PAGE followed by western blot with 12406-1-AP (Aconitase 1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 12406-1-AP (Aconitase 1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



IP result of anti-Aconitase 1 (IP:12406-1-AP, 4 μ g; Detection:12406-1-AP 1:300) with mouse liver tissue lysate 2400 μ g.



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using 12406-1-AP (Aconitase 1 antibody) at dilution of 1:50 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).