

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MOCOS



Numéro de catalogue: 16395-1-AP

Informations de base

Numéro de catalogue:
16395-1-AP

Taille:
150ul, Concentration: 500 µg/ml by
Nanodrop and 300 µg/ml by Bradford
method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG9487

Numéro d'acquisition GenBank:
BC012079

Identification du gène (NCBI):
55034

Nom complet:
molybdenum cofactor sulfuryase

MW calculé
888 aa, 98 kDa

MW observés:
98 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IP 0.5-4.0 ug for IP and 1:200-1:1000
for WB
IHC 1:20-1:200
IF 1:20-1:200

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Spécificité de l'espèce:
Humain, rat, souris

**Remarque-IHC: il est suggéré de démasquer
l'antigène avec un tampon de TE buffer pH
9.0; (*) À défaut, le démasquage de
l'antigène peut être effectué avec un
tampon citrate pH 6.0.**

Contrôles positifs:

WB : cellules HepG2,

IP : cellules HepG2,

IHC : tissu hépatique humain,

IF : cellules HepG2,

Informations générales

MOCOS (Molybdenum cofactor sulfuryase) is also named as MCS, MOS, hMCS and belongs to the class-V pyridoxal-phosphate-dependent aminotransferase family. It catalyzes the removal of elemental sulfur from cysteine to produce alanine. Sulfation of molybdenum is essential for xanthine dehydrogenase (XDH) and aldehyde oxidase (ADO) enzymes in which molybdenum cofactor is liganded by 1 oxygen and 1 sulfur atom in active form. Defects in MOCOS are the cause of xanthinuria type 2 (XU2)(PMID:17368066).

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.

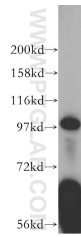
For technical support and original validation data for this product please contact:

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

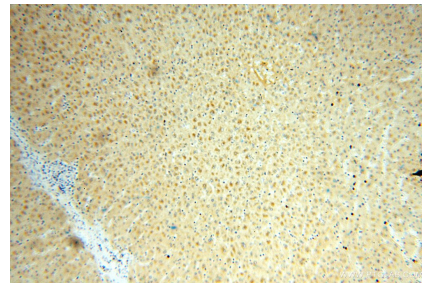
E: proteintech@ptglab.com
W: ptglab.com

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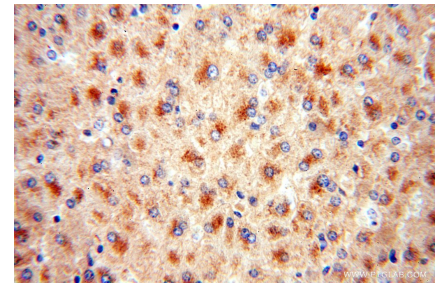
Données de validation sélectionnées



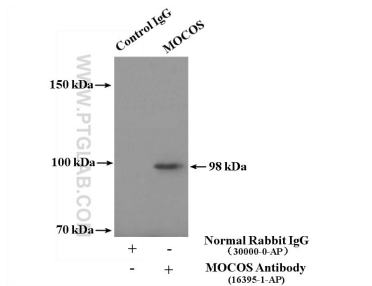
HepG2 cells were subjected to SDS PAGE followed by western blot with 16395-1-AP (MOCOS antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



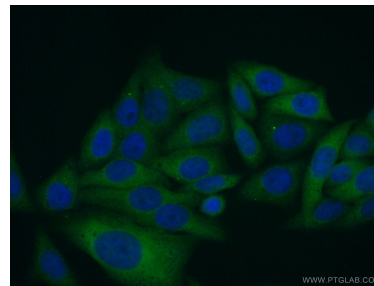
Immunohistochemical analysis of paraffin-embedded human liver using 16395-1-AP (MOCOS antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver using 16395-1-AP (MOCOS antibody) at dilution of 1:50 (under 40x lens).



IP Result of anti-MOCOS (IP:16395-1-AP, 4 μ g; Detection:16395-1-AP 1:300) with HepG2 cells lysate 4000 μ g.



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 16395-1-AP (MOCOS antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).