

Nur für Forschungszwecke

MOCOS Polyklonaler Antikörper

Katalog-Nr.:16395-1-AP



Allgemeine Informationen

Katalog-Nr.:
16395-1-AP

Größe:
150ul, Konzentration: 500 µg/ml von
Nanodrop und 300 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG9487

GenBank-Zugangsnummer:
BC012079

GeneID (NCBI):
55034

Vollständiger Name:
molybdenum cofactor sulfurase

Berechnete Masse:
888 aa, 98 kDa

Beobachtete Masse:
98 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000
IP 0.5-4.0 µg für IP und 1:200-1:1000
für WB
IHC 1:20-1:200
IF 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

Getestete Reaktivität:

Human, 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: HepG2-Zellen,

IP: HepG2-Zellen,

IHC: humanes Lebergewebe,

IF: HepG2-Zellen,

Hintergrundinformationen

MOCOS (Molybdenum cofactor sulfurase) 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).

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**

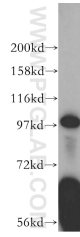
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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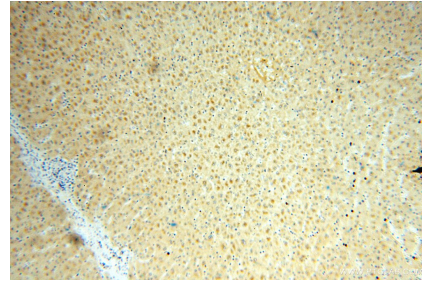
E: proteintech@ptglab.com
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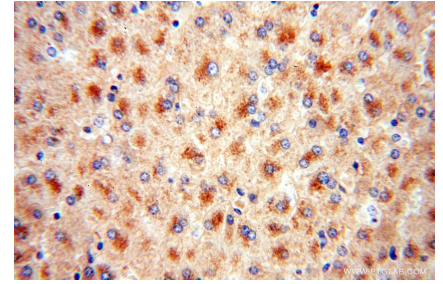
Ausgewählte Validierungsdaten



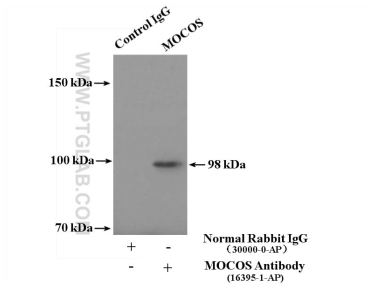
HepG2 cells were subjected to SDS PAGE followed by western blot with 16395-1-AP (MOCOS antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



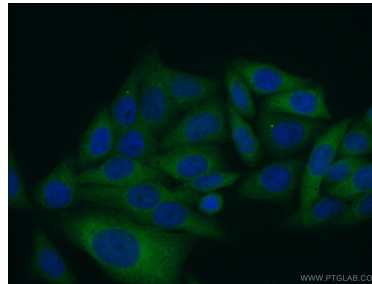
Immunohistochemical analysis of paraffin-embedded human liver using 16395-1-AP (MOCOS antibody) at dilution of 1:50 (under 10x lens).



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).