Nur für Forschungszwecke

MOCS3 Polyklonaler Antikörper

Katalog-Nr.:27501-1-AP

proteintech®
Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
27501-1-AP

Größe:
150ul , Konzentration: 400 μg/ml von Nanodrop und 233 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG26596

GenBank-Zugangsnummer:
BC015939

GeneID (NCBI):
27304

Vollständiger Name:
molybdenum cofactor synthesis 3

Berechneté Masse:
50 kDa

Beobachteté Masse:
50 kDa, 65 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:200-1:1000
IHC 1:50-1:500

Anwendungen

Geprüfte Anwendungen:
IHC, WB, ELISA

Getestete Reaktivität:
Human

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, MCF-7-Zellen

IHC : humanes Leberkarzinomgewebe, humanes Herzgewebe

Hintergrundinformationen

MOCS3, also named as molybdenum cofactor synthesis 3 and UBA4. The human MOCS3 protein contains an N-terminal domain similar to the Escherichia coli MoeB protein and a C-terminal segment displaying similarities to the sulfurtransferase rhodanese. MOCS3 is proposed to catalyze both the adenylation and the subsequent generation of a thiocarboxylate group at the C-terminus of the smaller subunit of molybdopterin (MPT) synthase during Moco biosynthesis in humans (PMID: 15910006). MOCS3 has a calculated molecular weight of 50 kDa and can be detected another band of 65 kDa due to urmylation (PMID: 21209336).

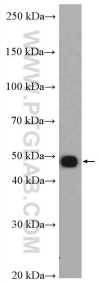
Lagerung

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

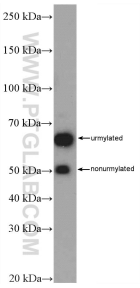
***** 20ul-Größen enthalten 0.1% BSA**

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

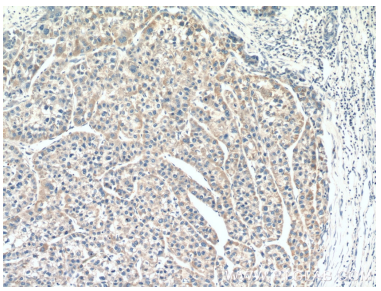
Ausgewählte Validierungsdaten



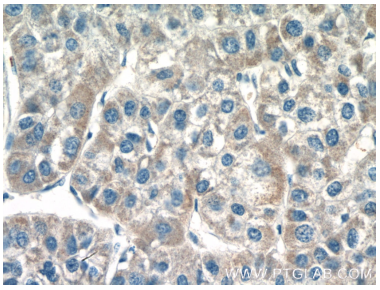
MCF-7 cells were subjected to SDS PAGE followed by western blot with 27501-1-AP (MOCS3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



HepG2 cells were subjected to SDS PAGE followed by western blot with 27501-1-AP (MOCS3 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 27501-1-AP (MOCS3 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 27501-1-AP (MOCS3 antibody) at dilution of 1:200 (under 40x lens).