

Nur für Forschungszwecke

ACSL4 Rekombinanter Antikörper

Katalog-Nr.: 81196-1-RR

1 Publikationen



Allgemeine Informationen

Katalog-Nr.: 81196-1-RR	GenBank-Zugangsnummer: BC034959	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul, Konzentration: 1000 µg/ml von 2182 Nanodrop;	GeneID (NCBI): Vollständiger Name: acyl-CoA synthetase long-chain family member 4	CloneNo.: 319
Wirt: Kaninchen	Berechnete Masse: 711 aa, 79 kDa	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:50-1:500
Isotyp: IgG	Beobachtete Masse: 70 kDa, 75 kDa	
Immunogen Katalognummer: AG18085		

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

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

Positivkontrollen:

WB: HeLa-Zellen, HepG2-Zellen, HT-29-Zellen, L02-Zellen, NIH/3T3-Zellen, U-87 MG-Zellen

IHC: humanes Leberkarzinomgewebe, humanes Magenkrebsgewebe

Hintergrundinformationen

Acyl-CoA synthetase long-chain family member 4 (Acsl4), an important enzyme involved in lipid metabolism, participates in ferroptosis by converting free AA into arachidonoyl-CoA to generate lipid hydroperoxides. Recent studies revealed that ACSL4 is involved in biological responses including inflammation, steroidogenesis, cell death, female fertility, and cancer. Acsl4 has two isoforms: 79 kDa and 75 kDa. ACSL4 also can be detected in 70 kDa (PMID:35326233).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Shi-Bin Ding	37025486	Front Pharmacol	WB

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

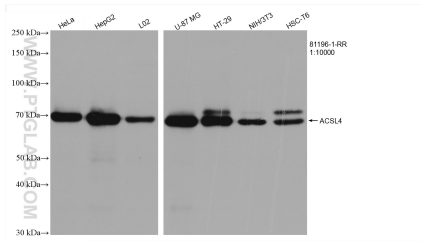
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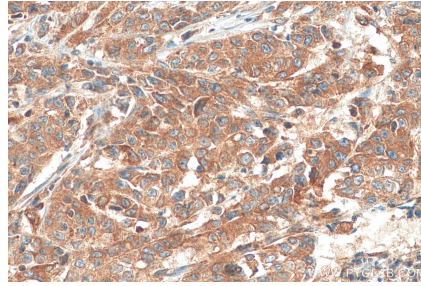
E: proteintech@ptglab.com
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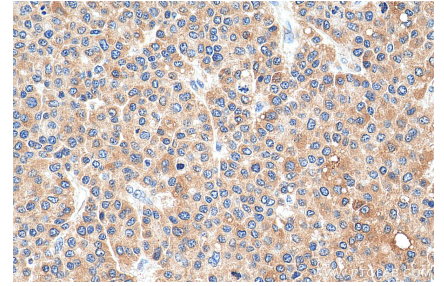
Ausgewählte Validierungsdaten



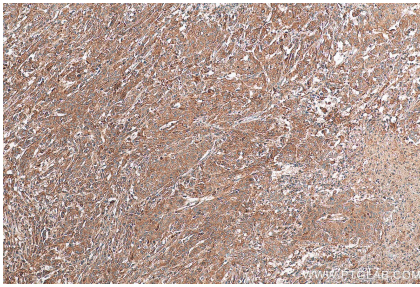
Various lysates were subjected to SDS PAGE followed by western blot with 81196-1-RR (ACSL4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



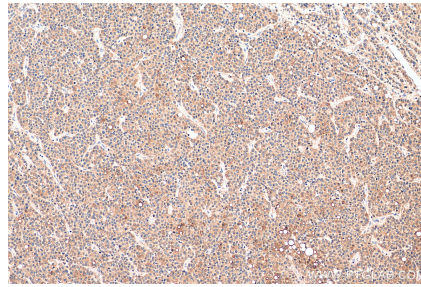
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 81196-1-RR (ACSL4 antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 81196-1-RR (ACSL4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 81196-1-RR (ACSL4 antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 81196-1-RR (ACSL4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).