

Nur für Forschungszwecke

FASN Polyklonaler Antikörper

Katalog-Nr.:10624-2-AP

Vorgestelltes Produkt

139 Publikationen



Allgemeine Informationen

Katalog-Nr.:

10624-2-AP

Größe:

150ul, Konzentration: 650 µg/ml von Nanodrop;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG0975

GenBank-Zugangsnummer:

BC007909

GeneID (NCBI):

2194

Vollständiger Name:

fatty acid synthase

Berechnete Masse:

272 kDa

Beobachtete Masse:

250-272 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:5000-1:50000

IP 0.5-4.0 µg für IP und 1:500-1:1000

für WB

IHC 1:50-1:500

IF 1:200-1:800

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Ente, Hausschwein, Huhn, Human, Maus, Ratte

Positivkontrollen:

WB: HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, HT-29-Zellen, L02-Zellen, Mauslebergewebe, Rattenlebergewebe, SH-SY5Y-Zellen

IP: Mauslebergewebe,

IHC: humanes Kolonkarzinomgewebe,

IF: HeLa-Zellen, HepG2-Zellen

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

Hintergrundinformationen

FASN gene codes for an enzyme essential for de novo fatty acid synthesis and cellular substrate energy metabolism. Active FASN is a homodimer in which each peptide subunit has a molecular weight of 260 kDa. FASN is overexpressed in various types of cancer including glioblastomas and is a potential therapeutic target. Recently FASN has been reported to contribute to the neurogenesis since FASN mutation caused intellectual disability in mice.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Wei Xu	32935679	Food Funct	WB
Zhao Yang	36120828	J Biochem Mol Toxicol	WB
Haibo Cao	36114560	Cell Biosci	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

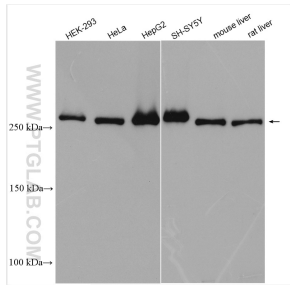
For technical support and original validation data for this product please contact:

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

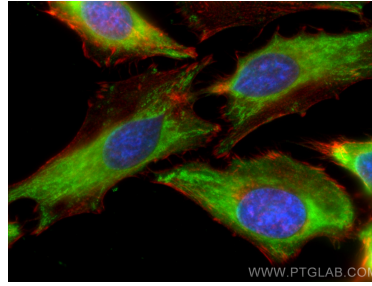
E: proteintech@ptglab.com
W: ptglab.com

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

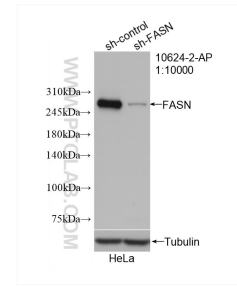
Ausgewählte Validierungsdaten



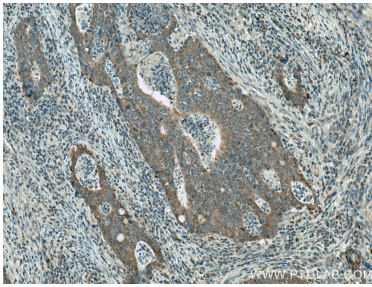
Various lysates were subjected to SDS PAGE followed by western blot with 10624-2-AP (FASN antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



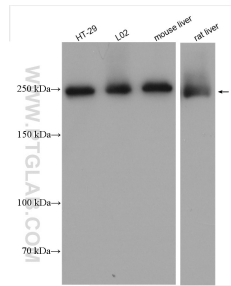
Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using FASN antibody (10624-2-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



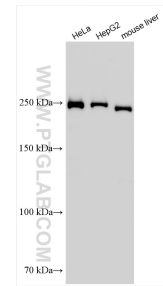
WB result of FASN antibody (10624-2-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FASN transfected HeLa cells.



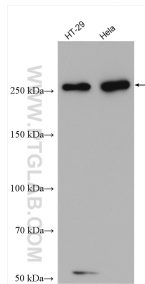
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10624-2-AP (FASN antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



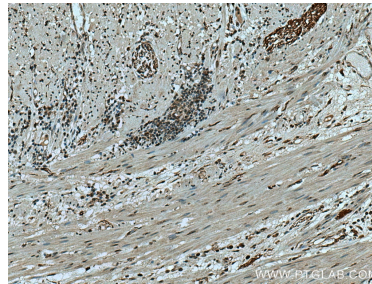
Various lysates were subjected to SDS PAGE followed by western blot with 10624-2-AP (FASN antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



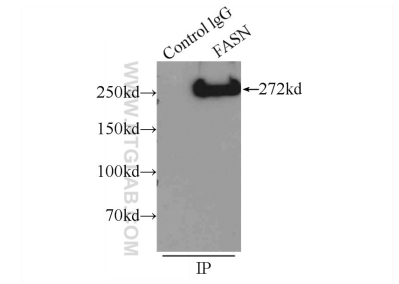
Various lysates were subjected to SDS PAGE followed by western blot with 10624-2-AP (FASN antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



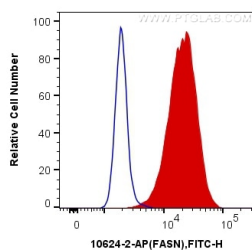
Various lysates were subjected to SDS PAGE followed by western blot with 10624-2-AP (FASN antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10624-2-AP (FASN antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-FASN (IP:10624-2-AP, 4ug; Detection:10624-2-AP 1:500) with mouse liver tissue lysate 4000ug.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Anti-Human FASN (10624-2-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).