

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-FASN



Numéro de catalogue: 10624-2-AP

Phare

150 Publications

Informations de base

Numéro de catalogue:
10624-2-AP

Taille:
150ul, Concentration: 650 µg/ml by
Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG0975

Numéro d'acquisition GenBank:
BC007909

Identification du gène (NCBI):
2194

Nom complet:
fatty acid synthase

MW calculé
272 kDa

MW observés:
250-272 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:5000-1:50000
IP 0.5-4.0 µg for IP and 1:500-1:1000
for WB
IHC 1:50-1:500
IF 1:200-1:800

Applications

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

Demandes citées:
CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Chèvre, Humain, porc, poulet, rat, souris, duck

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 HEK-293, cellules HeLa, cellules HepG2, cellules HT-29, cellules L02, cellules SH-SY5Y, tissu hépatique de rat, tissu hépatique de souris

IP : tissu hépatique de souris,

IHC : tissu de cancer du côlon humain,

IF : cellules HeLa, cellules HepG2

Informations générales

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.

Publications notables

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

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.

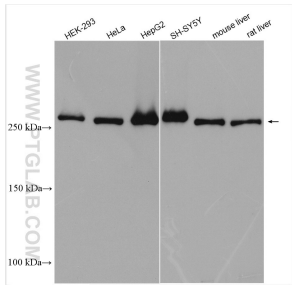
For technical support and original validation data for this product please contact:

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

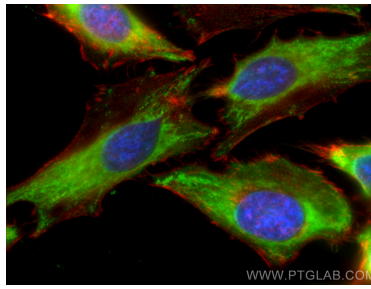
E: proteintech@ptglab.com
W: ptglab.com

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

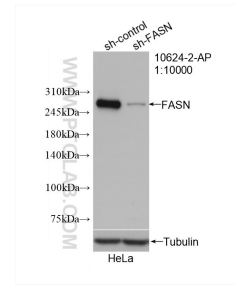
Données de validation sélectionnées



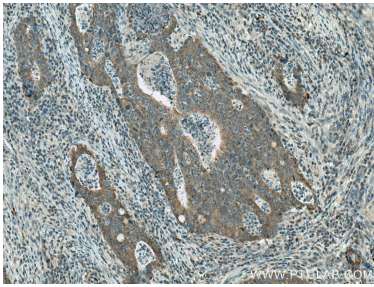
Various lysates were subjected to SDS PAGE followed by western blot with 10624-2-AP (FASN antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



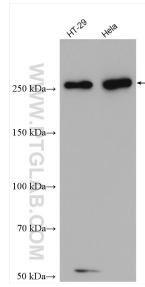
Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using FASN antibody (10624-2-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



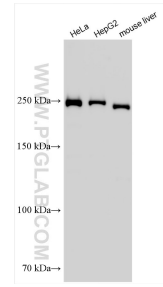
WB result of FASN antibody (10624-2-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FASN transfected HeLa cells.



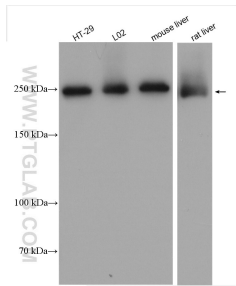
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10624-2-AP (FASN antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



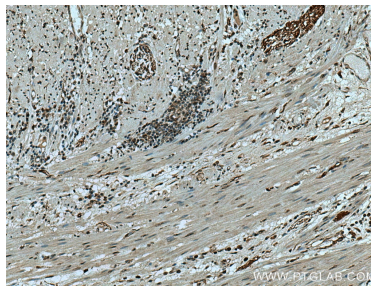
Various lysates were subjected to SDS PAGE followed by western blot with 10624-2-AP (FASN antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



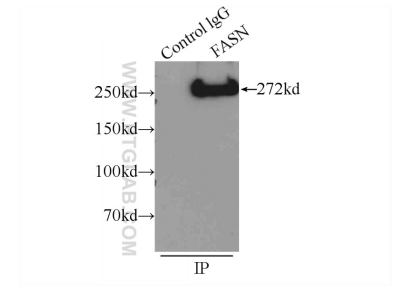
Various lysates were subjected to SDS PAGE followed by western blot with 10624-2-AP (FASN antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



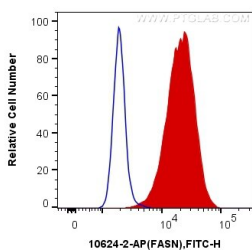
Various lysates were subjected to SDS PAGE followed by western blot with 10624-2-AP (FASN antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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).