

À des fins de recherche uniquement

Anticorps Monoclonal anti-FABP5

Numéro de catalogue: 66299-1-Ig

Phare

3 Publications



Informations de base

Numéro de catalogue: 66299-1-Ig	Numéro d'acquisition GenBank: BC019385	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1400 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 2171	CloneNo.: 1C6E12
Hôte: Mouse	Nom complet: fatty acid binding protein 5 (psoriasis- associated)	Dilutions recommandées: IHC 1:200-1:4000 IF 1:200-1:800
Isotype: IgG1	MW calculé 135 aa, 15 kDa	
Immunogen Catalog Number: AG3005	MW observés: 15 kDa	

Applications

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

Demandes citées:
IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules A375, cellules A549, cellules HEK-293, cellules HeLa, cellules U2OS, tissu cérébral de rat, tissu cérébral de souris, tissu cérébral humain foetal

IHC : tissu de cancer du sein humain, tissu adipeux brun de souris, tissu de cancer de la prostate humain

IF : cellules HepG2,

Informations générales

FABP5, also named as PA-FABP and E-FABP, belongs to the calycin superfamily and Fatty-acid binding protein (FABP) family. It is high specificity for fatty acids. FABP5 is highest affinity for C18 chain length. It may be involved in keratinocyte differentiation. FABP5 is a fatty acid-binding protein and is expressed in epidermis and endothelial cells of the microvasculature of different organs. FABP5 has also been identified as a tumor-associated antigen, which is highly expressed in various cancers. FABP5 was detected in the sera of HNSCC patients with early stage cancer. Antibodies specific for FABP5 were significantly increased in a substantial amount in patients, suggesting that FABP5 may be a potential diagnostic biomarker for HNSCC. FABP5 may serve as a biomarker for HNSCC. (PMID:19602232)

Publications notables

Autrice	Pubmed ID	Journal	Application
Masafumi Ohira	33754641	Carcinogenesis	WB,IHC
Jinghui Lu	34976793	Front Oncol	WB
Risa Nakagawa	31432248	Med Mol Morphol	IHC

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.

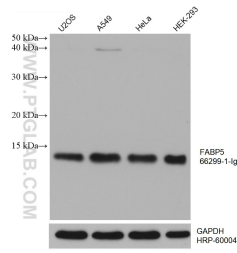
For technical support and original validation data for this product please contact:

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

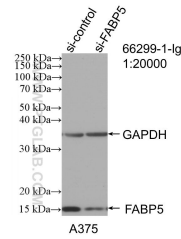
E: proteintech@ptglab.com
W: ptglab.com

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

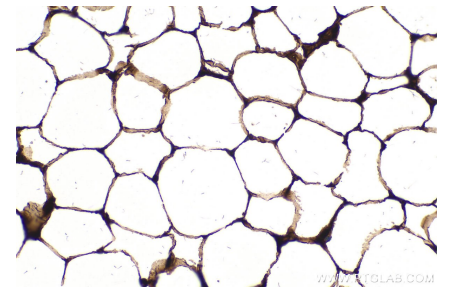
Données de validation sélectionnées



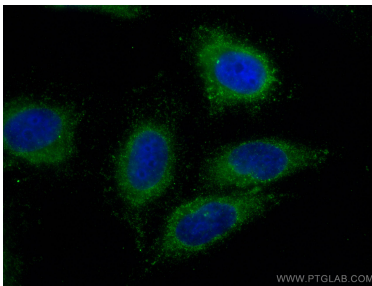
Various lysates were subjected to SDS PAGE followed by western blot with 66299-1-Ig (FABP5 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



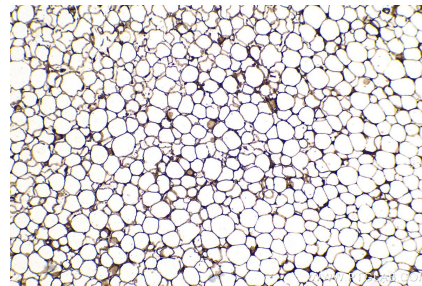
WB result of FABP5 antibody (66299-1-Ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FABP5 transfected A375 cells.



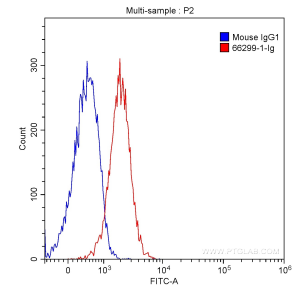
Immunohistochemical analysis of paraffin-embedded mouse brown adipose tissue slide using 66299-1-Ig (FABP5 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



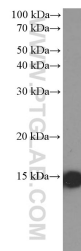
Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using FABP5 antibody (66299-1-Ig, Clone: 1C6E12) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



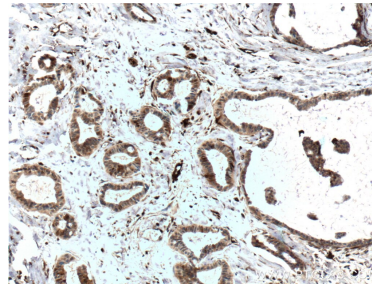
Immunohistochemical analysis of paraffin-embedded mouse brown adipose tissue slide using 66299-1-Ig (FABP5 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



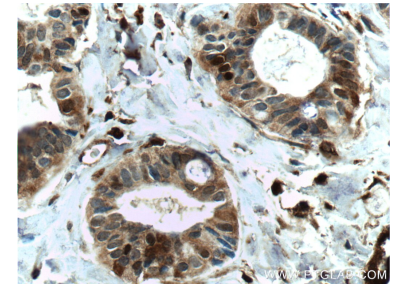
1X10⁶ HeLa cells were intracellularly stained with 0.20 ug/test Anti-Human FABP5 (66299-1-Ig, Clone:1C6E12) (red) or 0.20 ug control antibody (blue) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1000. Fixed with 90% MeOH.



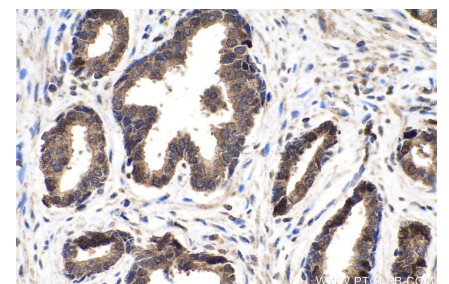
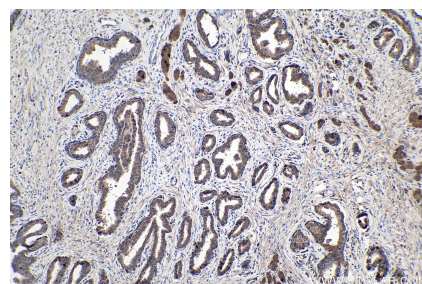
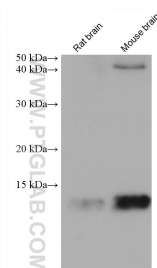
A375 cells were subjected to SDS PAGE followed by western blot with 66299-1-Ig (FABP5 Antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66299-1-Ig (FABP5 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66299-1-Ig (FABP5 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 66299-1-Ig (FABP5 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 66299-1-Ig (FABP5 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 66299-1-Ig (FABP5 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).