

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-FTO



Numéro de catalogue: 27226-1-AP

Phare

87 Publications

## Informations de base

Numéro de catalogue:

27226-1-AP

Numéro d'acquisition GenBank:

NM\_001080432

Méthode de purification:

Purification par affinité contre l'antigène

Taille:

150ul, Concentration: 1000 µg/ml by Nanodrop;

Identification du gène (NCBI):

79068

Dilutions recommandées:

WB 1:1000-1:3000

Hôte:

Lapin

Nom complet:

fat mass and obesity associated

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

Isotype:

IgG

MW calculé

58 kDa

IHC 1:500-1:2000

Immunogen Catalog Number:

AG26095

MW observés:

58 kDa

IF 1:50-1:500

## Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, IP, RIP, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, poulet, rat, souris

**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 A549, cellules Caco-2, cellules HEK-293, cellules HEK-293T, cellules HeLa, cellules SH-SY5Y

IP : tissu cérébral de souris,

IHC : tissu testiculaire de souris, tissu cérébral de souris, tissu de cancer de l'estomac humain, tissu de cancer du foie humain, tissu de cancer du sein humain, tissu de côlon humain

IF : tissu de lymphome humain, tissu de cancer du foie humain

## Informations générales

Fat mass and obesity-associated protein (FTO) has efficient oxidative demethylation activity targeting the abundant N6-methyladenosine (m6A) residues in RNA in vitro. Variants in the FTO (fat mass and obesity associated) gene are associated with increased body mass index in humans.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Kusuma Suphakhong	36183833	J Biol Chem	WB
Praveen K Dubey	34581943	Mol Cell Biochem	WB
Mingming Sun	36232604	Int J Mol Sci	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.

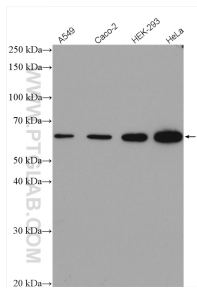
For technical support and original validation data for this product please contact:

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

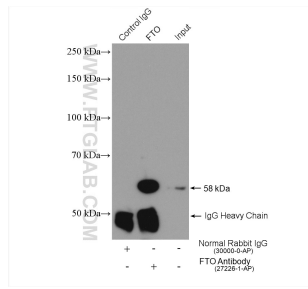
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

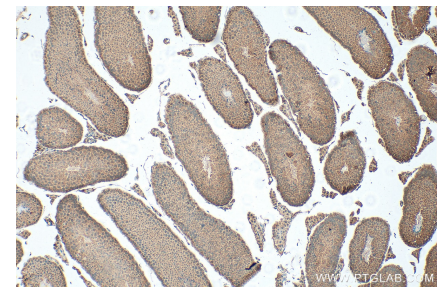
## Données de validation sélectionnées



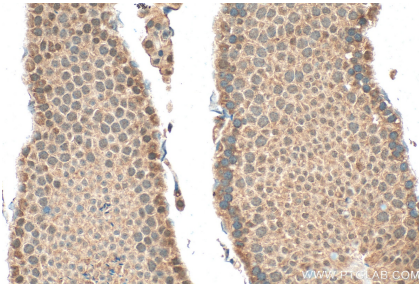
Various lysates were subjected to SDS PAGE followed by western blot with 27226-1-AP (FTO antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



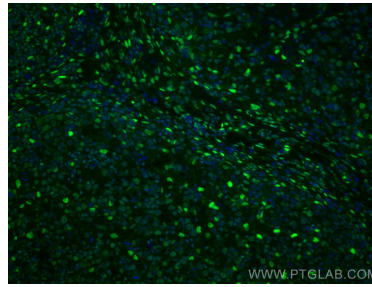
IP result of anti-FTO (IP:27226-1-AP, 4ug; Detection:27226-1-AP 1:1000) with mouse brain tissue lysate 2080 ug.



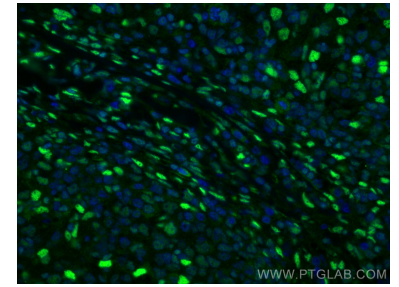
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 27226-1-AP (FTO antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



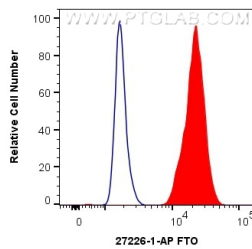
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 27226-1-AP (FTO antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human lymphoma tissue using FTO antibody (27226-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



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$1 \times 10^6$  SH-SY5Y cells were intracellularly stained with 0.4 ug Anti-Human FTO (27226-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).