

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ZFP36L1/2



Numéro de catalogue: 12306-1-AP

Phare

5 Publications

Informations de base

Numéro de catalogue: 12306-1-AP	Numéro d'acquisition GenBank: BC018340	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 260 µg/ml by Nanodrop;	Identification du gène (NCBI): 677	Dilutions recommandées: WB 1:500-1:1000 IHC 1:50-1:500 IF 1:20-1:200
Hôte: Lapin	Nom complet: zinc finger protein 36, C3H type-like 1	
Isotype: IgG	MW calculé: 338 aa, 36 kDa	
Immunogen Catalog Number: AG2952	MW observés: 45-50 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules U-937, cellules 3T3-L1, cellules HeLa, cellules RAW 264.7

IHC : tissu ovarien de rat,

IF : cellules HepG2,

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.

Informations générales

ZFP36L1, also named as Butyrate response factor 1 or TPA-induced sequence 11b, is a 338 amino acid protein, which is phosphorylated by RPS6KA1 at Ser-334 upon phorbol 12-myristate 13-acetate (PMA) treatment. ZFP36 encodes tristetraprolin (TTP) the prototype of a small family of RBPs, called the ZFP36 family, that are characterised by highly conserved tandem CCCH zinc-finger RNA-binding domains [PMID: 10751406]. ZFP36 is a RBP that promotes RNA decay and negatively regulates the expression of the myogenic regulatory factor MyoD by binding to the 3'UTR of MyoD mRNA [PMID: 25815583]. Mouse satellite cells from Zfp36-deficient mice express increased amounts of MyoD and display impaired satellite activation, demonstrating a role for ZFP36 in the maintenance of quiescence [PMID: 25815583]. The functions of the ZFP36L1 and ZFP36L2 family members have not been evaluated in skeletal muscle stem cell fate, but have been shown to act redundantly to promote quiescence during lymphocyte development. ZFP36L1 has been implicated in the persistence of the marginal zone B lymphocyte population. ZFP36L1 exists three isoform through blasting on NCBI database and can be phosphorylated, so the range of the molecular weight of ZFP36L1 is about 40-50 kDa. (PMID: 26180518, PMID: 17030620). This antibody recognizes both ZFP36L1 and ZFP36L2.

Publications notables

Autrice	Pubmed ID	Journal	Application
Weirui Ma	30449617	Cell	IF
Xiao Feng	33473330	Mol Ther Nucleic Acids	IF
Fang Wu	34131106	Cell Death Dis	WB,IHC,IF

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

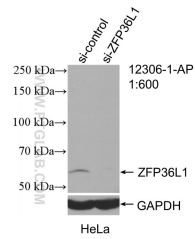
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

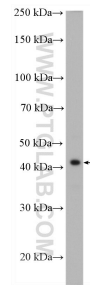
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

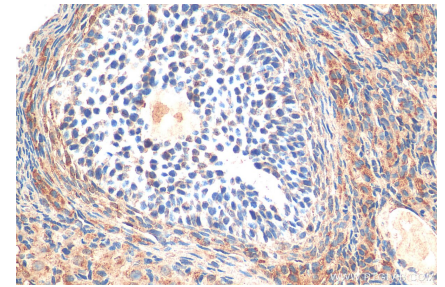
Données de validation sélectionnées



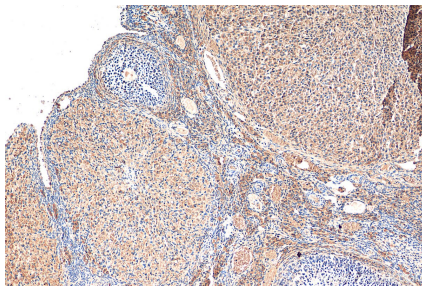
WB result of ZFP36L1/2 antibody (12306-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-ZFP36L1/2 transfected HeLa cells.



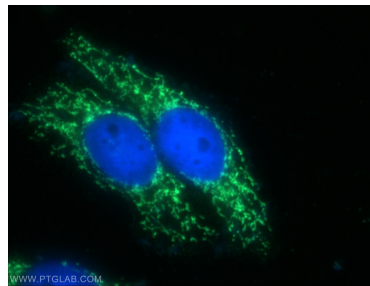
U-937 cells were subjected to SDS PAGE followed by western blot with 12306-1-AP (ZFP36L1/2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat ovary tissue slide using 12306-1-AP (ZFP36L1/2 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat ovary tissue slide using 12306-1-AP (ZFP36L1/2 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells using 12306-1-AP (ZFP36L1/2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).