

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ZCCHC11



Numéro de catalogue: 18980-1-AP

Phare

23 Publications

Informations de base

Numéro de catalogue:

18980-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM_015269

Identification du gène (NCBI):

23318

Nom complet:

zinc finger, CCHC domain containing 11

MW calculé

185 kDa

MW observés:

185 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

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

IF 1:50-1:500

Applications

Applications testées:

IF, IP, WB, ELISA

Demandes citées:

CoIP, IF, IP, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules MCF7, cellules HEK-293T, cellules HeLa, tissu cérébral humain

IP : cellules MCF-7,

IF : cellules HepG2,

Informations générales

ZCCHC11, also named as KIAA0191 and TUT4, is a uridylyltransferase that acts as a suppressor of microRNA (miRNA) biogenesis by specifically mediating the terminal uridylation of some miRNAs. ZCCHC11 catalyzes the 3' uridylation of precursor let-7 (pre-let-7), a miRNA precursor. Uridylated pre-let-7 miRNAs fail to be processed by Dicer and undergo degradation. Degradation of pre-let-7 contributes to the maintenance of embryonic stem (ES) cells and is required for ES cells to maintain pluripotency. ZCCHC11 can't bind RNA by itself, recruited to pre-let-7 miRNAs via its interaction with LIN28 and LIN28B. Also catalyzes the 3' uridylation of miR-26A, a miRNA that represses IL6 transcript, leading to abrogate IL6 transcript repression and promote cytokine expression. ZCCHC11 may also suppress Toll-like receptor-induced NF-kappa-B activity via binding to T2BP. This antibody is specific to the 185 kd ZCCHC11 protein.

Publications notables

Autrice	Pubmed ID	Journal	Application
James E Thornton	25223788	Nucleic Acids Res	WB
Acong Yang	36071058	Nat Commun	WB, IP
NiLa Roy Choudhury	25457611	Cell Rep	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.

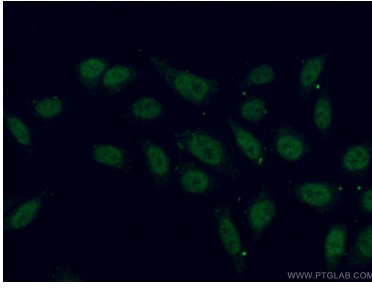
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E: proteintech@ptglab.com
W: ptglab.com

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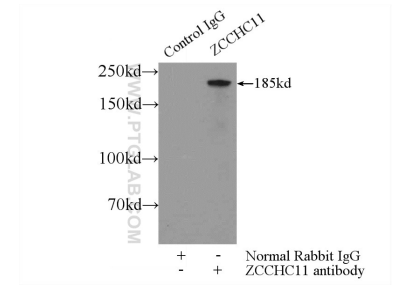
Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 18980-1-AP (ZCCHC11 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



MCF7 cells were subjected to SDS PAGE followed by western blot with 18980-1-AP (ZCCHC11 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP Result of anti-ZCCHC11 (IP:18980-1-AP, 5ug; Detection:18980-1-AP 1:1000) with MCF-7 cells lysate 2000ug.