

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ZCCHC11



Numéro de catalogue: 20119-1-AP

1 Publications

Informations de base

Numéro de catalogue: 20119-1-AP	Numéro d'acquisition GenBank: BC048301	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 1500 µg/ml by Nanodrop and 627 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 23318	Dilutions recommandées: WB 1:500-1:1000 IHC 1:20-1:200 IF 1:10-1:100
Hôte: Lapin	Nom complet: zinc finger, CCHC domain containing 11	
Isotype: IgG	MW calculé: 185 kDa	
Immunogen Catalog Number: AG13661	MW observés: 185 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain

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 HeLa, tissu cérébral humain

IHC : tissu cérébral humain, tissu testiculaire humain

IF : cellules HeLa,

Informations générales

ZCCHC11, also named as KIAA0191 and TUT4, is an 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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Anne Gaza	33901943	Neoplasia	WB,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:

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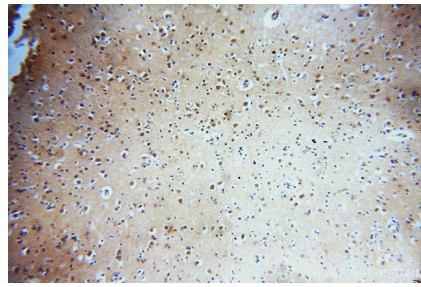
E: proteintech@ptglab.com
W: ptglab.com

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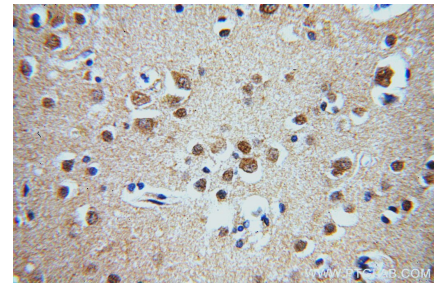
Données de validation sélectionnées



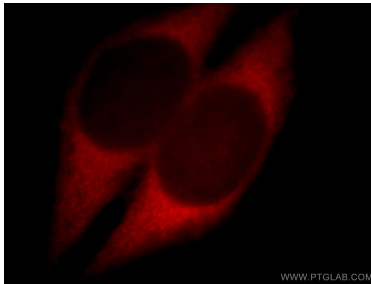
HeLa cells were subjected to SDS PAGE followed by western blot with 20119-1-AP (ZCCHC11 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain using 20119-1-AP (ZCCHC11 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 20119-1-AP (ZCCHC11 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HeLa cells, using ZCCHC11 antibody 20119-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).