

Nur für Forschungszwecke

# ZCCHC11 Polyklonaler Antikörper

Katalog-Nr.:18980-1-AP

Vorgestelltes Produkt

23 Publikationen



## Allgemeine Informationen

**Katalog-Nr.:**  
18980-1-AP

**Größe:**  
150ul, Konzentration: 500 µg/ml von  
Nanodrop und 200 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

**Wirt:**  
Kaninchen

**Isotyp:**  
IgG

**GenBank-Zugangsnummer:**  
NM\_015269

**GeneID (NCBI):**  
23318

**Vollständiger Name:**  
zinc finger, CCHC domain containing  
11

**Berechnete Masse:**  
185 kDa

**Beobachtete Masse:**  
185 kDa

**Reinigungsmethode:**

Antigen-Affinitätsreinigung

**Empfohlene Verdünnungen:**

WB 1:500-1:1000  
IP 0.5-4.0 µg für IP und 1:500-1:2000  
für WB  
IF 1:50-1:500

## Anwendungen

**Geprüfte Anwendungen:**

IF, IP, WB, ELISA

**In Publikationen genannte Anwendungen:**

CoIP, IF, IP, WB

**Getestete Reaktivität:**

Human, Maus

**Zitierte Arten:**

Human, Maus

**Positivkontrollen:**

**WB:** MCF7 cells, HEK-293T-Zellen, HeLa-Zellen,  
humanes Hirngewebe

**IP:** MCF-7-Zellen,

**IF:** HepG2-Zellen,

## Hintergrundinformationen

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. This antibody is specific to the 185 kd ZCCHC11 protein.

## Bemerkenswerte Veröffentlichungen

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

## Lagerung

**Lagerungsbedingungen:**

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

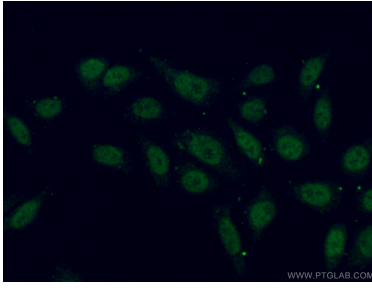
For technical support and original validation data for this product please contact:

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

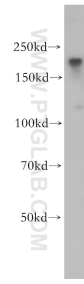
E: proteintech@ptglab.com  
W: ptglab.com

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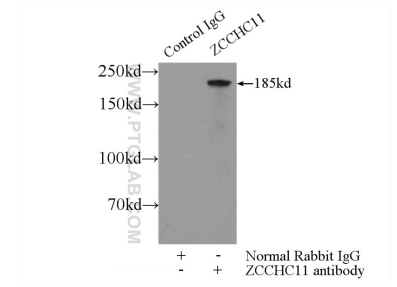
## Ausgewählte Validierungsdaten



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.