

Nur für Forschungszwecke

ZFP36 Polyklonaler Antikörper

Katalog-Nr.:12737-1-AP

15 Publikationen



Allgemeine Informationen

Katalog-Nr.: 12737-1-AP	GenBank-Zugangsnummer: BC009693	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 800 µg/ml von Nanodrop und 333 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 7538	Empfohlene Verdünnungen: WB 1:500-1:1000 IHC 1:20-1:200 IF 1:10-1:100
Wirt: Kaninchen	Vollständiger Name: zinc finger protein 36, C3H type, homolog (mouse)	
Isotyp: IgG	Berechnete Masse: 326 aa, 34 kDa	
Immunogen Katalognummer: AG3461	Beobachtete Masse: 40-45 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen: WB : Mauslungengewebe, A549-Zellen
In Publikationen genannte Anwendungen: IF, IHC, RIP, WB	IHC : humanes Mammakarzinomgewebe, humanes Blasengewebe
Getestete Reaktivität: Human, Maus, Ratte	IF : HepG2-Zellen,
Zitierte Arten: Human, Maus	

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Hintergrundinformationen

The expression of many cytokines is regulated post-transcriptionally by factors that modulate mRNA transport, translation, and stability. Much of this regulation occurs by the binding and stabilizing, or destabilizing, of cytokine mRNAs by proteins that recognize adenosine and uridine-rich elements (AREs) in untranslated regions of target transcripts. Zfp36 is a mRNA-binding protein involved in post-transcriptional regulation of AU-rich element (ARE)-containing mRNAs. It was demonstrated to physically interact with the p65 subunit of nuclear factor-κB leading to decreased nuclear import and diminished transcriptional activation mediated by nuclear factor-κB. It acted by specifically binding ARE-containing mRNAs and promoting their degradation, and has a crucial role in the post-transcriptional regulation of tumor necrosis factor (TNF). The calculated molecular weight of ZFP36 is 34 kDa, but modified ZFP36 is about 40-45 kDa.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yini Dang	36297287	Pharmaceuticals (Basel)	WB
Xiang Sun	32954540	FASEB J	WB,IF
Jie Du	33220174	Dev Cell	WB,RIP

Lagerung

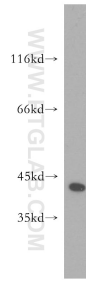
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

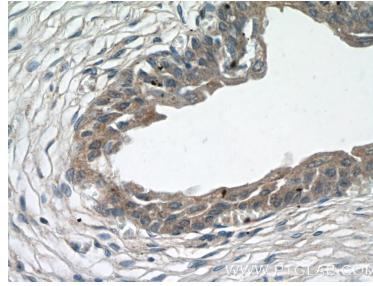
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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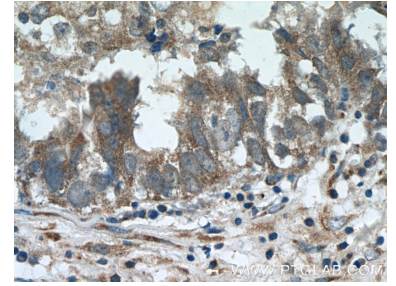
Ausgewählte Validierungsdaten



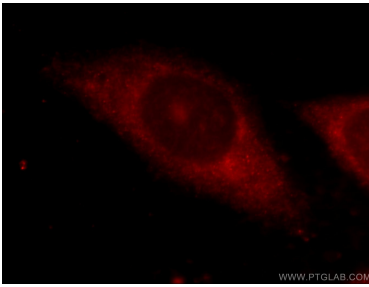
mouse lung tissue were subjected to SDS PAGE followed by western blot with 12737-1-AP (ZFP36 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human bladder tissue slide using 12737-1-AP (ZFP36 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 12737-1-AP (ZFP36 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 12737-1-AP (ZFP36 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.