

For Research Use Only

ZFP36 Monoclonal ANTIBODY



Catalog Number: 66938-1-Ig **1 Publications**

Basic Information

Catalog Number: 66938-1-Ig	GenBank Accession Number: BC009693	Purification Method: Protein A purification
Size: 150UL, Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7538	CloneNo.: 1A5E6
Source: Mouse	Full Name: zinc finger protein 36, C3H type, homolog (mouse)	Recommended Dilutions: WB 1:1000-1:6000
Isotype: IgG2a	Calculated MW: 326 aa, 34 kDa	
Immunogen Catalog Number: AG28473	Observed MW: 34 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB: HepG2 cells, A549 cells, NCI-H1299 cells, LPS treated U-937 cells, 3T3-L1 cells, pig lung tissue
Cited Applications: WB	
Species Specificity: Human, mouse, pig	
Cited Species: human	

Background Information

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Kaiyong Yang	32339920	Int Immunopharmacol	WB

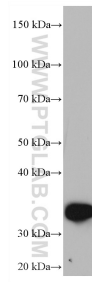
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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)
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Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 66938-1-Ig (ZFP36 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.