

For Research Use Only

CREB3L2 Polyclonal antibody

Catalog Number: 14514-1-AP **5 Publications**



Basic Information

Catalog Number: 14514-1-AP	GenBank Accession Number: BC063666	Purification Method: Antigen affinity purification
Size: 600 µg/ml	GeneID (NCBI): 64764	Recommended Dilutions: WB 1:500-1:1000 IF 1:20-1:200
Source: Rabbit	UNIPROT ID: Q70SY1	
Isotype: IgG	Full Name: cAMP responsive element binding protein 3-like 2	
Immunogen Catalog Number: AG5973	Calculated MW: 57 kDa	
	Observed MW: 60-70 kDa	

Applications

Tested Applications: IF/ICC, WB, ELISA	Positive Controls:
Cited Applications: IF, WB	WB : HepG2 cells, mouse liver tissue, mouse testis tissue
Species Specificity: human, mouse, rat	IF : HepG2 cells,
Cited Species: human	

Background Information

Cyclic AMP-responsive element-binding protein 3-like protein 2 (CREB3L2), also named BBF2H7, is a transcriptional activator which is activated during endoplasmic reticulum (ER) stress late phase. It has 3 isoforms produced by alternative splicing. CREB3L2 exerts protective effect in neurons by regulation of unfolded protein response (UPR)-dependent gene transcriptions. N-terminal cytoplasmic domain of CREB3L2 is cleaved under ER stress and then translocates to the nucleus. Catalog#14514-1-AP is a rabbit polyclonal antibody raised against N-terminal (1-247aa) of human CREB3L2.

Notable Publications

Author	Pubmed ID	Journal	Application
Ryoichi Murase	36152228	Mol Biol Rep	WB
Yongli Zhang	34664264	Br J Pharmacol	WB
Kentaro Oh-Hashi	33803345	Int J Mol Sci	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% 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:

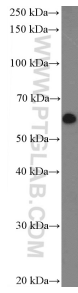
T: 4006900926

E: Proteintech-CN@ptglab.com

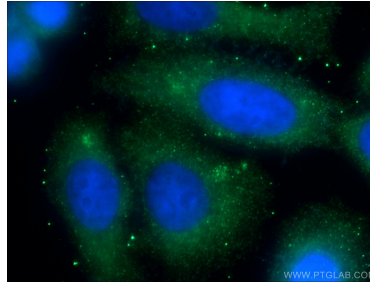
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Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 14514-1-AP (CREB3L2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 14514-1-AP (CREB3L2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).