

For Research Use Only

CREBZF Polyclonal antibody

Catalog Number: 19070-1-AP **1 Publications**



Basic Information

Catalog Number: 19070-1-AP	GenBank Accession Number: BC093796	Purification Method: Antigen affinity purification
Size: 600 µg/ml	GeneID (NCBI): 58487	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q9NS37	
Isotype: IgG	Full Name: CREB/ATF bZIP transcription factor	
Immunogen Catalog Number: AG13625	Calculated MW: 272 aa, 30 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse kidney tissue, mouse liver tissue, mouse ovary tissue
Cited Applications: IF, IHC	
Species Specificity: mouse	
Cited Species: mouse	

Background Information

CREBZF is a basic region-leucine zipper (bZIP) transcription factor that belongs to the cAMP-response-element-binding protein (CREB)/activating transcription factor (ATF) family. CREBZF gene expression produces two isoforms, CREBZF-L (long isoform of CREBZF, also known as SMILE) and CREBZF-S (short isoform of CREBZF, also known as Zhangfei), resulting from alternative initiation codons. CREBZF fulfills its role in transcriptional regulation by heterodimerizing with other transcription factors as a coregulator and then binding to target promoters and regulating downstream gene expression. CREBZF has been identified as a novel transcriptional coregulator of a variety of nuclear receptors (PMID: 31124138).

Notable Publications

Author	Pubmed ID	Journal	Application
Hongyu Niu	38696238	FASEB J	IHC,IF

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:

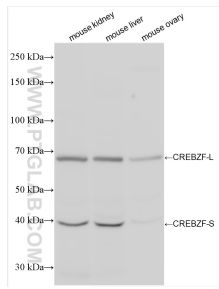
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 19070-1-AP (CREBZF antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.