

For Research Use Only

# CREBZF Polyclonal antibody

Catalog Number: 19070-1-AP

1 Publications



## Basic Information

Catalog Number:

19070-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13625

GenBank Accession Number:

BC093796

GeneID (NCBI):

58487

UNIPROT ID:

Q9NS37

Full Name:

CREB/ATF bZIP transcription factor

Calculated MW:

272 aa, 30 kDa

Observed MW:

30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

IF, IHC

Species Specificity:

mouse

Cited Species:

mouse

Positive Controls:

WB : mouse kidney tissue, mouse liver tissue, mouse ovary tissue

## 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

\*\*\* 20ul sizes contain 0.1% BSA

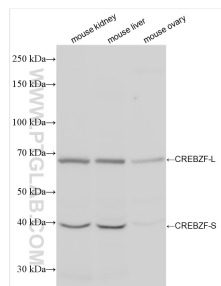
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## Selected Validation Data



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.