

Product Data Sheet: CREB 2 / ATF4

Cat. No:

AB-82156

Size:

100 ug

Clone:

POLY

Concentration:

Host:

Rb

Isotype:

IgG

Immunogen:Recombinant fusion protein containing a sequence corresponding to amino acids

1-351 of human ATF4

Reactivity: Hu

Applications: Western Blot: 1:500 - 1:2000 Immunofluorescence: 1:50 - 1:200

Molecular Weight: 50kDa **Purification:** Aff. Pur.

Synonyms: ATF4;CREB-2;CREB2;TAXREB67;TXREB

This gene encodes a transcription factor that was originally identified as a widely expressed mammalian DNA binding protein that could bind a tax-responsive enhancer element in the LTR of HTLV-1. The encoded protein was also isolated and characterized as the cAMP-response element binding protein 2 (CREB-2). The protein encoded by this gene belongs to a family of DNA-binding proteins that includes the AP-1 family of transcription factors, cAMP-response element binding

Background: includes the AP-1 family of transcription factors, cAMP-response element binding proteins (CREBs) and CREB-like proteins. These transcription factors share a

leucine zipper region that is involved in protein-protein interactions, located C-terminal to a stretch of basic amino acids that functions as a DNA binding domain. Two alternative transcripts encoding the same protein have been

described. Two pseudogenes are located on the X chromosome at q28 in a region

containing a large inverted duplication.

Form: Liquid

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Store at -20°C. Avoid freeze / thaw cycles.