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| Cat. No: | AB-82156 |
| Size: | 100 ug |
| Clone: | POLY |
| Concentration: | 1mg/ml |
| 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 |
| Background: | <p>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 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.</p> |
| Form: | Liquid |
| Buffer: | PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. |

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