

CREB-2 (phospho Ser245) Polyclonal Antibody

Catalog No: #13948



Package Size: #13948-1 50ul #13948-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

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| Product Name | CREB-2 (phospho Ser245) Polyclonal Antibody |
| Host Species | Rabbit |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Applications | IHC-p,IF(paraffin section),ELISA |
| Species Reactivity | Human |
| Specificity | Phospho-CREB-2 (S245) Polyclonal Antibody detects endogenous levels of CREB-2 protein only when phosphorylated at S245. |
| Immunogen Description | The antiserum was produced against synthesized peptide derived from human ATF4 around the phosphorylation site of Ser245. AA range:212-261 |
| Other Names | ATF4; CREB2; TXREB; Cyclic AMP-dependent transcription factor ATF-4; cAMP-dependent transcription factor ATF-4; Activating transcription factor 4; Cyclic AMP-responsive element-binding protein 2; CREB-2; cAMP-responsive element-binding prot |
| Accession No. | Swiss Prot:P18848GeneID:468 |
| Uniprot | P18848 |
| GeneID | 468 |
| Calculated MW | 38kd |
| Concentration | 1 mg/ml |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | -20°C/1 |

Application Details

WB 1:500-2000 ,Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Background

activating transcription factor 4(ATF4) Homo sapiens 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. [provid

Note: This product is for in vitro research use only