

## Product datasheet for **TA325388**

### CREB1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000; IHC: 1:50-1:200; IF/ICC: 1:100-1:500
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against A synthesized peptide derived from human CREB around the phosphorylation site of Serine 142
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	43 kDa
Gene Name:	cAMP responsive element binding protein 1
Database Link:	<a href="#">NP_004370</a> <a href="#">Entrez Gene 12912 MouseEntrez Gene 81646 RatEntrez Gene 1385 Human P16220</a>
Background:	This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds as a homodimer to the cAMP-responsive element, an octameric palindrome.
Synonyms:	CREB

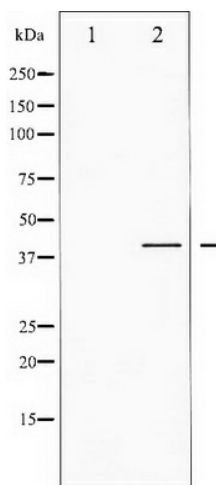


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**Protein Families:** Druggable Genome, Transcription Factors

**Protein Pathways:** Antigen processing and presentation, Huntington's disease, Melanogenesis, Prostate cancer

**Product images:**



Western blot analysis of CREB phosphorylation expression in PMA treated HeLa whole cell lysates, The lane on the left is treated with the antigen-specific peptide.