

Product datasheet for **TA349286**

CREB1 Rabbit Polyclonal Antibody

Product data:

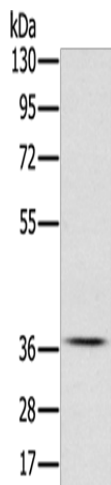
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: NIH/3T3 cells
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human CREB1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37 kDa
Gene Name:	cAMP responsive element binding protein 1
Database Link:	NP_604391 Entrez Gene 12912 Mouse Entrez Gene 81646 Rat Entrez Gene 1385 Human P16220
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. The protein is phosphorylated by several protein kinases, and induces transcription of genes in response to hormonal stimulation of the cAMP pathway. Alternate splicing of this gene results in two transcript variants encoding different isoforms.
Synonyms:	CREB
Protein Families:	Druggable Genome, Transcription Factors



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

Product images:



Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane: NIH/3T3 cells
Primary antibody: TA349286 (CREB1 Antibody) at dilution 1/350
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 20 seconds