

## Product datasheet for **TA331154**

### CREB3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CREB3 antibody: synthetic peptide directed towards the middle region of human CREB3. Synthetic peptide located within the following region: SRVLKYTAQNME LQNKVQLLEEQNLSLLDQLRKLQAMVIEISNKTSSSST
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	41 kDa
Gene Name:	cAMP responsive element binding protein 3
Database Link:	<a href="#">NP_006359</a> <a href="#">Entrez Gene 10488 Human</a> <a href="#">O43889</a>

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**Background:**

CREB3 is a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds to the cAMP-responsive element, an octameric palindrome. The protein interacts with host cell factor C1, which also associates with the herpes simplex virus (HSV) protein VP16 that induces transcription of HSV immediate-early genes. This protein and VP16 both bind to the same site on host cell factor C1. It is thought that the interaction between this protein and host cell factor C1 plays a role in the establishment of latency during HSV infection. An additional transcript variant has been identified, but its biological validity has not been determined. This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds to the cAMP-responsive element, an octameric palindrome. The protein interacts with host cell factor C1, which also associates with the herpes simplex virus (HSV) protein VP16 that induces transcription of HSV immediate-early genes. This protein and VP16 both bind to the same site on host cell factor C1. It is thought that the interaction between this protein and host cell factor C1 plays a role in the establishment of latency during HSV infection. An additional transcript variant has been identified, but its biological validity has not been determined. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

**Synonyms:**

LUMAN; LZIP; sLZIP

**Note:**

Dog: 100%; Pig: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Rat: 93%; Horse: 93%; Mouse: 93%; Guinea pig: 93%

**Protein Families:**

Transcription Factors

**Protein Pathways:**

Huntington's disease, Melanogenesis, Prostate cancer

**Product images:**


WB Suggested Anti-CREB3 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: Human Muscle