



# Anti-CREB3 (aa 231-395) polyclonal antibody (DPABH-03386)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

**Antigen Description** 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.

<b>Immunogen</b>	Recombinant fragment, corresponding to a region within amino acids 231-395 of Human CREB3 (Uniprot ID: O43889).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	pH: 7.00; Constituents: 59% PBS, 40% Glycerol
<b>Preservative</b>	None

**Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

Gene Name	<a href="#">CREB3 cAMP responsive element binding protein 3 [ Homo sapiens ]</a>
Official Symbol	CREB3
Synonyms	CREB3; cAMP responsive element binding protein 3; cAMP responsive element binding protein 3 (human); cyclic AMP-responsive element-binding protein 3; Luman; LZIP; CREB-3; basic leucine zipper protein; transcription factor LZIP-alpha; cAMP-responsive element-binding protein 3; cyclic AMP response element (CRE)-binding protein/activating transcription factor 1; LUMAN; MGC15333; MGC19782;
Entrez Gene ID	<a href="#">10488</a>
Protein Refseq	<a href="#">NP_006359</a>
UniProt ID	<a href="#">O43889</a>
Chromosome Location	9p13.3
Pathway	Amphetamine addiction; Cholinergic synapse; Cocaine addiction; Dopaminergic synapse;
Function	CCR1 chemokine receptor binding; DNA binding; cAMP response element binding protein binding; protein binding; protein dimerization activity; protein homodimerization activity; sequence-specific DNA binding