

DNAxPAb

Hard-to-Find
Antibody

CREB3 DNAxPab

Catalog # H00010488-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CREB3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MELELDAGDQDLLAFLEEESGDLGTAPDEAVRAPLDWALPLSEVPSDWEVDDLLCSLLSPPAS LNLSSSNPCLVHHDHTYSLPRETVSMDLESESCRKEGTQMTPQHMEELAEQEIARLVLTDEEKS LLEKEGLILPETLPLTKTEEQILKRVRRIKRNKRSAQESRRKKKVYVGGLESRLKYTAQNMELQNK VQLLEEQNLSLLDQLRKLQAMVIEISNKTSSSSTCILVLLVSFCLLLVPAIYSSDTRGSLPAEHGVLS RQLRALPSEDPYQLELPALQSEVPKDPSTHQWLDGSDCVLQAPGNTSCLLHYMPQAPSAEPPLE WPFDFLSEPLCRGPILPLQANLTRKGGWLPTGSPSVILQDRYSG
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CREB3

Entrez GeneID [10488](#)

GeneBank Accession# [BC009402.2](#)

Protein Accession# [AAH09402.1](#)

Gene Name CREB3

Gene Alias LUMAN, LZIP, MGC15333, MGC19782

Gene Description cAMP responsive element binding protein 3

Omim ID [606443](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000021348|basic leucine zipper protein|cyclic AMP response element (CRE)-binding protein/activating transcription factor 1|transcription factor LZIP-alpha

Pathway

- [Melanogenesis](#)
- [Prostate cancer](#)

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)