

CREB3 rabbit monoclonal antibody

Catalog # H00010488-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CREB3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CREB3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CREB3 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CREB3

Entrez GeneID	10488
GeneBank Accession#	CREB3
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](#)