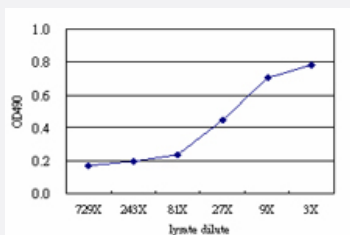


CREB3 (Human) Matched Antibody Pair

Catalog # H00010488-AP51

Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from approximately 81x to 3x dilution of the CREB3 293T overexpression lysate (non-denatured).

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human CREB3.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (66); Rat (55)
Quality Control Testing	Standard curve using CREB3 293T overexpression lysate (non-denatured) as an analyte. Sandwich ELISA detection sensitivity ranging from approximately 81x to 3x dilution of the CREB3 293T overexpression lysate (non-denatured).
Supplied Product	Antibody pair set content: 1. Capture antibody: mouse monoclonal anti-CREB3 (100 ug) 2. Detection antibody: rabbit purified polyclonal anti-CREB3 (50 ug) *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- [ELISA Pair \(Transfected lysate\)](#)

[Protocol Download](#)

Gene Info — CREB3

Entrez GeneID [10488](#)

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](#)