

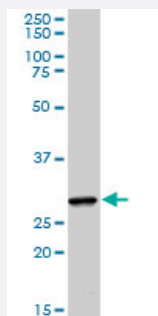
MaxPab®

CREB1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001385-D01P

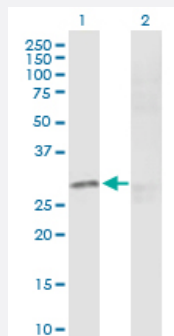
Size 100 ug

Applications



Western Blot (Tissue lysate)

CREB1 MaxPab rabbit polyclonal antibody. Western Blot analysis of CREB1 expression in mouse lung.



Western Blot (Transfected lysate)

Western Blot analysis of CREB1 expression in transfected 293T cell line ([H00001385-T02](#)) by CREB1 MaxPab polyclonal antibody.

Lane 1: CREB1 transfected lysate(35.10 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human CREB1 protein.

Immunogen

CREB1 (NP_004370.1, 1 a.a. ~ 327 a.a) full-length human protein.

Sequence

MTMESGAENQQSGDAAVTEAENQQMTVQAQPQIATLAQVSMCAAHATSSAPTPTLVQLPNGQT
VQVHGVIQAAQPSVIQSPQVQTVQISTIAESEDSESVDSVTSQKRREILSRRPSYRKILNDLSSD
APGVPIREEEKSEETSAPIITVTPTPIYQTSSGQYIAITQGGAQLANNGTDGVQGLQTLTMTNA
AATQPGTTLQYAQTDDGQQILVPSNQVVVQAASGDVQTYQIRTAPTSTIAPGVVMASSPALPTQP
AEEAARKREVRLMKNREAAECRRKKKEYVKCLENRVAVLENQNKTLIEELKALKDLYCHKSD

Host

Rabbit

Reactivity	Human, Mouse
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 (Tissue lysate)

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — CREB1

Entrez GeneID	1385
GeneBank Accession#	NM_004379
Protein Accession#	NP_004370.1
Gene Name	CREB1
Gene Alias	CREB, MGC9284
Gene Description	cAMP responsive element binding protein 1
Omim ID	123810
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 as a homodimer to the cAMP-responsive element, an octameric palindrome. The protein is phosphorylated by several protein kinases, and induces transcription of genes in response to hormonal stimulation of the cAMP pathway. Alternate splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations

active transcription factor CREB|cAMP-response element-binding protein-1|transactivator protein

Pathway

- [Antigen processing and presentation](#)
- [Melanogenesis](#)
- [Prostate cancer](#)

Disease

- [Alcoholism](#)
- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Arousal](#)
- [Asthma](#)
- [Avoidance Learning](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Choice Behavior](#)
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