

CREB-1 (Phospho Ser133) (AX0623) Rabbit mAb

M3605

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB;IHC;IF;IP;ELISA

MW

- 37kDa (Calculated)
- 43kDa (Observed)

Isotype

- IgG

Recommended Dilution Ratios

Application

Western Blotting (WB)
 Immunohistochemistry (IHC) (Paraffin)
 IF/ICC
 ELISA
 Immunoprecipitation (IP)

Dilution

1:2000-10000
 1:1000-4000
 1:200-1000
 1:5000-20000
 1:50-200

Storage

Storage at -15°C to -25°C/1 year (Do not lower than -25°C)
Storage buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Basic Information

Clonality Monoclonal
Clone Number AX0623
Immunogen Recombinant protein of the human CREB-1 protein.
Specificity The antibody can specifically recognize human CREB-1 (Phospho Ser133) protein.
Purification Affinity purification Protein A
Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

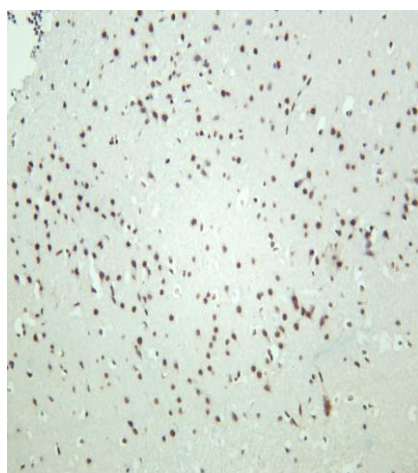
Gene name CREB1
Protein Name CREB-1

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P16220	1385
	Mouse	Q01147	12912
	Rat	P15337	81646

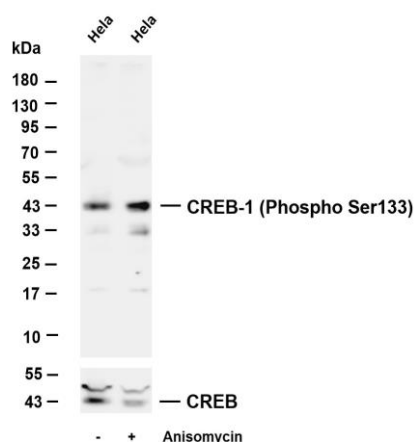
Background

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 several transcript variants encoding different isoforms. [provided by RefSeq, Mar 2016]

Validation Data



Rat brain was stained with anti-CREB-1 (Phospho Ser133) (PT0863R) rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-CREB-1 (Phospho Ser133) (PT0863R) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: HeLa

Lane 2: HeLa was treated with Anisomycin(250 ng/ml) for 30 minutes

Predicted band size: 37kDa

Observed band size: 43kDa