

Datasheet for ABIN723965

anti-CREB1 antibody (AA 101-150)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	CREB1
Binding Specificity:	AA 101-150
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CREB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CREB-1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Pig,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	CREB1
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Target Details

Alternative Name:	CREB-1 (CREB1 Products)
Background:	Synonyms: CREB, Cyclic AMP-responsive element-binding protein 1, CREB-1, cAMP-responsive element-binding protein 1, CREB1 Background: Phosphorylation-dependent transcription factor that stimulates transcription upon binding to the DNA cAMP response element (CRE), a sequence present in many viral and cellular promoters. Transcription activation is enhanced by the TORC coactivators which act independently of Ser-133 phosphorylation. Involved in different cellular processes including the synchronization of circadian rhythmicity and the differentiation of adipose cells.
Gene ID:	1385
UniProt:	P16220
Pathways:	TLR Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Thyroid Hormone Synthesis , Activation of Innate immune Response , Myometrial Relaxation and Contraction , Regulation of Cell Size , Toll-Like Receptors Cascades , G-protein mediated Events , Interaction of EGFR with phospholipase C-gamma , Positive Regulation of fat Cell Differentiation

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

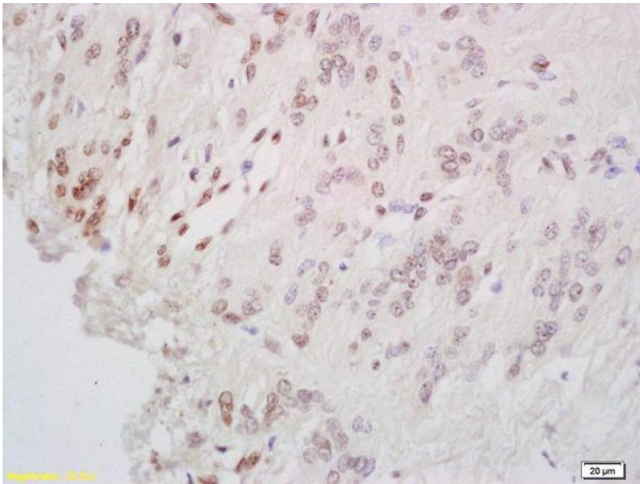
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

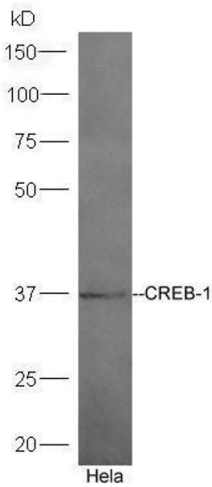
	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human cervical carcinoma labeled with Anti-CREB-1 Polyclonal Antibody, Unconjugated (ABIN723965) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



Western Blotting

Image 2. Lane 1: HeLa lysates probed with Rabbit Anti-CREB-1 Polyclonal Antibody, Unconjugated at 1:5000 for 90 min at 37°C.