

## Datasheet for ABIN7127208 **anti-CREB5 antibody**



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### Overview

Quantity:	100 µg
Target:	CREB5
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CREB5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

### Product Details

Immunogen:	Recombinant full-length human CREB5 protein
Isotype:	IgG2b
Specificity:	<p>The ATF/CREB family consists of a series of transcription factors that function by binding to the cAMP responsive element (CRE) palindromic octanucleotide, TGACCTCA. The best characterized members of this gene family include CREB-1, CREB-2 (also designated ATF-4), CRE-BPa, LZIP (also designated CREB-3 and Luman), CREM-2, ATF-1, ATF-2, ATF-3, ATF-5, ATF-6 and ATF-7. These transcription factors share terminal leucine zipper dimerization and basic DNA binding domains and are highly variable in their N-termini. Although each of the ATF/CREB proteins bind CREs in their homodimeric form, they can also bind as heterodimers, both within the ATF/CREB family and with members of the AP-1 transcription factor family. Protein kinase A- mediated CREB phosphorylation induces association with a nuclear protein designated CBP (CREB-binding protein), which may represent a CREB coactivator. CRE-BPa is a nuclear protein that binds DNA as a homodimer but can also form a heterodimer with ATF-2 or</p>

## Product Details

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Cross-Reactivity (Details):	Human. Predicted to work with Mouse and Rat.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

## Target Details

Target:	CREB5
Alternative Name:	CREB5 ( <a href="#">CREB5 Products</a> )
Background:	CAMP response element-binding protein CREBPα (CRE-BPα), cAMP responsive element binding protein 5 isoform α, CRE BPA, CREBPA, cyclic AMP responsive element binding protein 5, CREB5 / CRE-BPα  Cellular localisation: Nucleus.
Molecular Weight:	57kDa
Gene ID:	9586, 437075
UniProt:	<a href="#">Q02930</a>
Pathways:	<a href="#">Thyroid Hormone Synthesis</a>

## Application Details

Application Notes:	Known_Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (1-2 µg/mL), Optimal dilution for a specific application should be determined.  Positive_Control: HeLa, U87 or K562 cells.
Restrictions:	For Research Use only

## Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C, -80 °C
Storage Comment:	Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months