

Datasheet for ABIN932995
anti-CBP antibody



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2 Images

Overview

Quantity:	50 µg
Target:	CBP (CREBBP)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CBP antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC), Dot Blot (DB)

Product Details

Immunogen:	CBP antibody was raised in mouse using recombinant Creb-Binding Protein (Cbp)
Clone:	CBP5I001
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse (Murine)
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	CBP (CREBBP)
Alternative Name:	CBP (CREBBP Products)
Background:	Acetyltransferase enzyme. Acetylates histones, giving a specific tag for transcriptional

Target Details

activation. Also acetylates non-histone proteins, like NCOA3 coactivator. Mediates cAMP-gene regulation by binding specifically to phosphorylated CREB protein. CREBBP, as coactivator, augments the activity of phosphorylated CREB to activate transcription of cAMP-responsive genes. Synonyms: Monoclonal CBP antibody, Anti-CBP antibody, CREB binding protein antibody.

Pathways: [TCR Signaling](#), [Interferon-gamma Pathway](#), [Stem Cell Maintenance](#), [Chromatin Binding](#), [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: WB: 0.2-2 µg/mL IP: 100-500 µg/sample, ICC: 2-100 µg/mL
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: CBP antibody in PBS (3.0 mM KCl, 1.5 mM KH₂ PO₄, 140 mM NaCl, 8.0 mM Na₂ HPO₄ (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN₃).

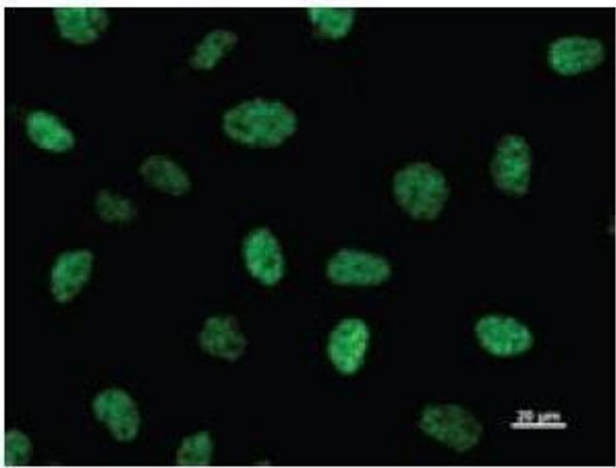
Preservative: Sodium azide

Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

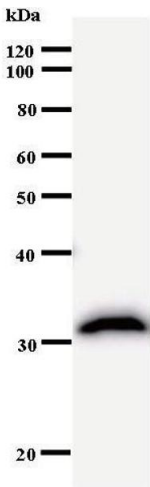
Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



Immunofluorescence

Image 1. Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were stained with anti-CBP antibody.



Western Blotting

Image 2.