

CREB-BP Ab

[Images\(2\)](#)

Cat.#: AF0139 Concn.: ~1mg/ml Mol.Wt.: 265kDa
Size: Source: Rabbit Clonality: Polyclonal

Application: WB 1:500-1:3000, IHC 1:50-1:200, IF/ICC: 1:100-1:500
*The optimal dilutions should be determined by the end user.

Reactivity: Human,Mouse

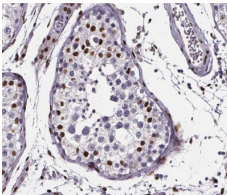
Storage: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen: A synthesized peptide derived from human CREB-BP, corresponding to a region within C-terminal amino acids.

Uniprot: Q92793

Description: CBP a protein acetyltransferase that can transcriptionally activate histones. Acetylates the NCOA3 coactivator. Binds specifically to phosphorylated CREB1 and enhances its transcriptional activity toward cAMP-responsive genes. Methylation of the KIX domain by CARM1 blocks association with CREB, blocking CREB signaling, and activating the apoptotic response. Found in a complex containing NCOA2, NCOA3, IKKA, IKKB, and IKBKKG. Probably part of a complex with HIF1A and EP300.



AF0139 at 1/200 staining human testis tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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