

CREBBP (AB2081) mouse mAb

W0157

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- WB; IF; ELISA

MW

- 266 kDa (calculated)
- 266 kDa (observed)

Isotype

- IgG2b, kappa

Recommended Dilution Ratios

Application

WB; IF; ELISA

Dilution

WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB2081

Immunogen A synthetic peptide corresponding to the amino acid region 900 - 1000 of the human CREBBP protein.

Specificity This antibody detects endogenous levels of CREBBP 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 CREBBP

Protein Name CREBBP

Database Link	Organism	Swiss Prot.	Gene ID
	Human	Q92793	1387

Background

CREB binding protein (CREBBP) Homo sapiens This gene is ubiquitously expressed and is involved in the transcriptional coactivation of many different transcription factors. First isolated as a nuclear protein that binds to cAMP-response element binding protein (CREB), this gene is now known to play critical roles in embryonic development, growth control, and homeostasis by coupling chromatin remodeling to transcription factor recognition. The protein encoded by this gene has intrinsic histone acetyltransferase activity and also acts as a scaffold to stabilize additional protein interactions with the transcription complex. This protein acetylates both histone and non-histone proteins. This protein shares regions of very high sequence similarity with protein p300 in its bromodomain, cysteine-histidine-rich regions, and histone acetyltransferase domain. Mutations in this gene cause Rubinstein-Taybi syndrome (RTS).

W0157-V.2-EN

Chromosomal translocations invo