Recombinant CBP Monoclonal Antibody

catalog number: **AN301457L**

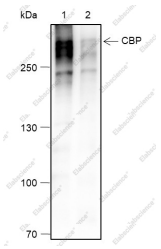
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Synthetic peptide derived from the human CBP protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C371080
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:1000-1:3000
IF	1:100-1:200

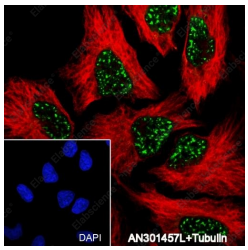
Data



Western Blot with CBP Monoclonal Antibody at dilution of 1:3000. Lane 1: 293T nuclear, Lane 2: 293T cytosol

Observed-MW:300 kDa

Calculated-MW:300 kDa



Immunofluorescent analysis of (100% Ice-cold methanol) fixed HeLa cells using anti-CBP Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	Ice bag

Background

CREB-binding protein (CREBBP/CBP), encoded by the human CREBBP gene, is a transcriptional co-activator. CREBBP functions through interactions with transcription factors, mediated by one or more domains: the nuclear receptor interaction domain (RID), the KIX domain (CREB and MYB interaction domain), the cysteine/histidine regions (TAZ1/CH1 and TAZ2/CH3), and the interferon response binding domain. The KIX, TAZ1, and TAZ2 domains of CREBBP bind tightly to the 9aaTADs, the nine amino acid transactivation domains within the tumor suppressor protein p53, thereby influencing its transcriptional activity.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com