Elabscience®

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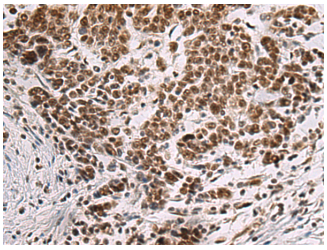
CREBBP Polyclonal Antibody

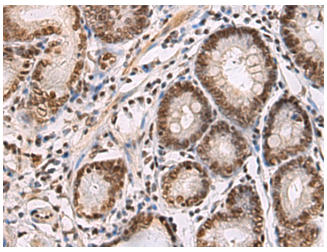
Catalog No.	E-AB-19276	**Reactivity**	H,M,R
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	IHC,ELISA	**Isotype**	IgG

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

Images



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using CREBBP Polyclonal Antibody at dilution of 1:60(×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using CREBBP Polyclonal Antibody at dilution of 1:60(×200)

Immunogen Information

Immunogen	Synthetic peptide of human CREBBP
Gene Accession	NP004371
Swissprot	Q92793
Synonyms	CBP,CBP,CREB binding protein,CREB-binding protein,Crebbp,Cyclic AMP responsive enhancer binding protein,KAT3A,RSTS,RTS,Rubinstein Taybi syndrome

Product Information

Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	IHC 1:50-1:200, ELISA 1:5000-1:10000

Background

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). Chromosomal translocations involving this gene have been associated with acute myeloid leukemia. Alternative splicing results in multiple transcript variants encoding different isoforms.