Datasheet for ABIN2781491

anti-CBP antibody (N-Term)

4 Images

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Overview

Quantity:	100 µL
Target:	CBP (CREBBP)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CBP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CREBBP
Sequence:	TPAASQALNP QAQKQVGLAT SSPATSQTGP GICMNANFNQ THPGLLNSNS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against CREBBP. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	CBP (CREBBP)

Target Details

Alternative Name:	CREBBP (CREBBP Products)
Background:	CREBBP 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. CREBBP 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. Alias Symbols: CBP, KAT3A, RSTS, RTS Protein Interaction Partner: SUMO1, UBE2I, UBE2D1, TDG, RELA, CREBBP, KLF2, KLF4, WRN, PSME3, COPS2, UBC, BMI1, EID1, ATF4, DYRK1B, DYRK1A, ATF2, CREB1, CDK2, JUN, PPARG, IRF3, HNF4A, KLF1, vIRF-3, AR, vIRF-1, CNTN2, SMAD3, SMAD2, LDLR, STAT1, K8, MTDH, MEIS1, TLR2, EPAS1, MYBL1, LIG Protein Size: 2404
Molecular Weight:	261 kDa
Gene ID:	1387
NCBI Accession:	NM_001079846, NP_001073315
UniProt:	Q4LE28
Pathways:	TCR Signaling, Interferon-gamma Pathway, Stem Cell Maintenance, Chromatin Binding, Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 2404 AA
Restrictions:	For Research Use only

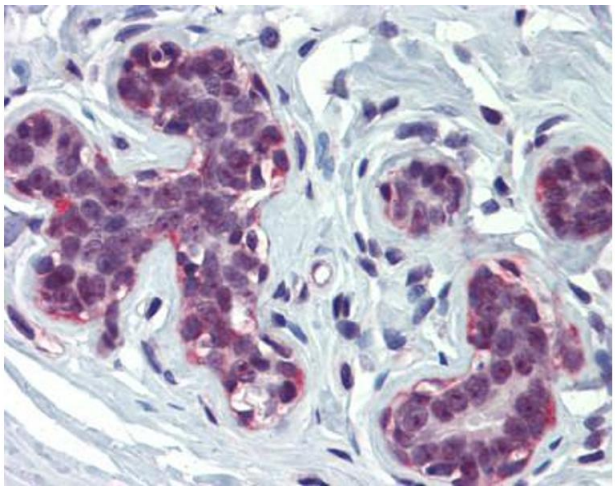
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

Handling

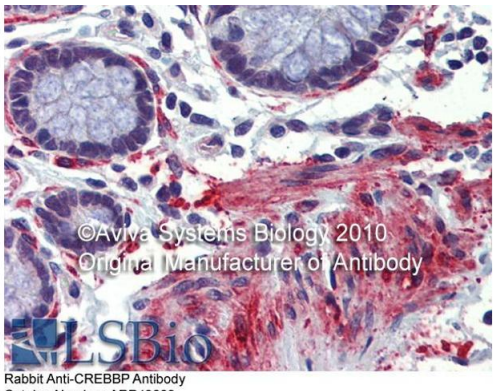
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Immunohistochemistry

Image 1.

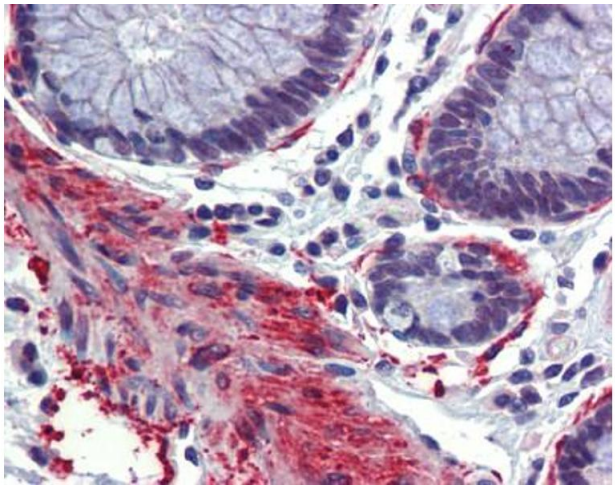


Rabbit Anti-CREBBP Antibody
Catalog Number: ARP43609
Lot Number: QC13409
Paraffin Embeded Tissue: Human Colon
Antibody Concentration: 5.0 µg/ml

Data courtesy of Lifespan Biosciences, Inc.
Aviva Systems Biology is the original manufacturer of this antibody.

Immunohistochemistry

Image 2.



Immunohistochemistry

Image 3. Rabbit Anti-CREBBP Antibody arp43609 Paraffin Embedded Tissue: Human Colon Antibody Concentration: 5 ug/ml

Please check the product details page for more images. Overall 4 images are available for ABIN2781491.

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