

Rabbit anti-Human CREB-BP Polyclonal Antibody | anti-CREB-BP antibody

CREB-BP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302359	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

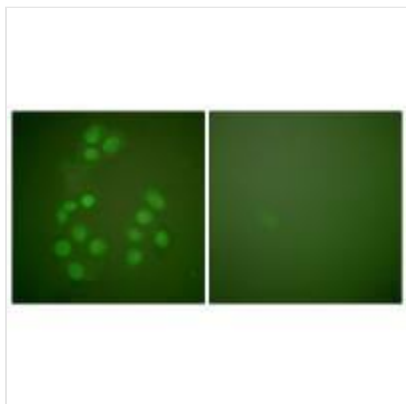
PRODUCT SYNONYMS

CREB-BP; Polyclonal Antibody; CREB-BP Antibody; CREB-binding protein; CBP CBP/MOZ FUSION GENE; anti-CREB-BP antibody

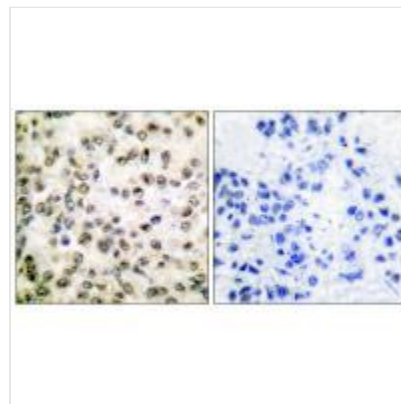
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total CREB-BP protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	2404
Applicable Applications for anti-CREB-BP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human CREB-BP.
Target Name	CREB-BP
Preparation and Storage	Store at -20 degree C

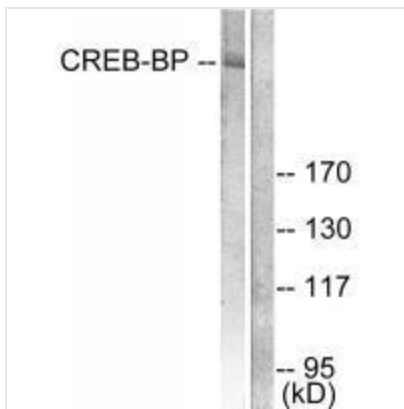
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells, using CREB-BP antibody.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using CREB-BP antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, treated with insulin (0.01U/ml, 15mins), using CREB-BP antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CREB-BP antibody	Acetylates histones, giving a specific tag for transcriptional activation. Also acetylates non-histone proteins, like NCOA3 and FOXO1. Binds specifically to phosphorylated CREB and enhances its transcriptional activity toward cAMP-responsive genes. Acts as a coactivator of ALX1 in the presence of EP300. Acts as a circadian transcriptional coactivator which enhances the activity of the circadian transcriptional activators: NPAS2-ARNTL/BMAL1 and CLOCK-ARNTL/BMAL1 heterodimers.Zoi Lygerou, Nucleic Acids Res., Feb 1994; 22: 5332 - 5340.Karsten Grote, J. Biol. Chem., Dec 2004; 279: 55675 - 55681.Kumi Nagamoto-Combs, J. Biol. Chem., Feb 1997; 272: 6051.Stephen J. Elliman, Isaac, J. Biol. Chem., Jan 2006; 281: 16 -19
Product Categories/Family for anti-CREB-BP antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	119943102
NCBI GeneID	1387
NCBI Accession #	NP_001073315.1
NCBI GenBank Nucleotide #	NM_001079846.1
UniProt Accession #	Q92793; O00147; Q16376; Q4LE28; D3DUC9
Molecular Weight	260,993 Da
NCBI Official Full Name	CREB-binding protein isoform b
NCBI Official Synonym Full Names	CREB binding protein
NCBI Official Symbol	CREBBP
NCBI Official Synonym Symbols	CBP; RSTS; KAT3A
NCBI Protein Information	CREB-binding protein
UniProt Protein Name	CREB-binding protein
UniProt Gene Name	CREBBP
UniProt Synonym Gene Names	CBP
UniProt Entry Name	CBP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

