

Rabbit anti-Human Cyclic AMP-responsive element-binding protein 1 Polyclonal Antibody | anti-CREB1 antibody

Rabbit anti-human Cyclic AMP-responsive element-binding protein 1 polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118108	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

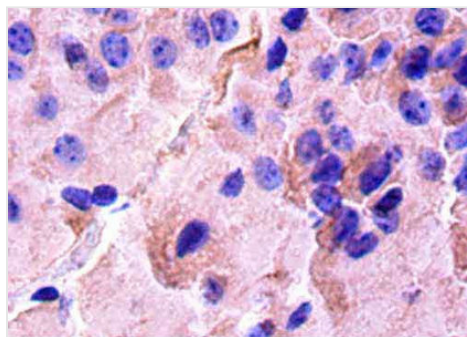
PRODUCT SYNONYMS

Cyclic AMP-responsive element-binding protein 1; Polyclonal Antibody; Rabbit anti-human Cyclic AMP-responsive element-binding protein 1 polyclonal Antibody; anti-CREB1 antibody

PRODUCT SPECIFICATIONS

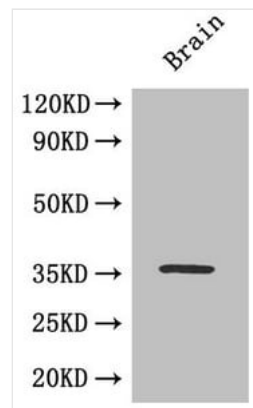
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	327
Applicable Applications for anti-CREB1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Cyclic AMP-responsive element-binding protein 1 protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-58 / sc-25785
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



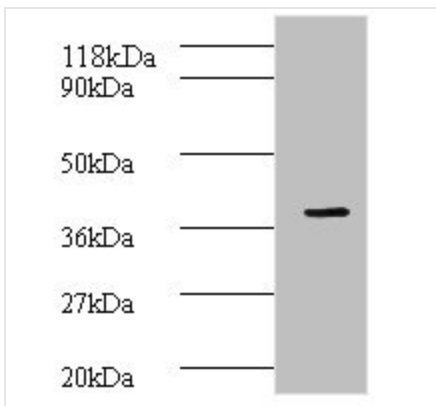
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded mouse brain using AAA118108 at dilution 1:50



WB (Western Blot)

Western BlotPositive WB detected in: mouse brainAll lanes: CREB1 antibody at 3.3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 37,36,26 kDaObserved band size: 37 kDa



WB (Western Blot)

All lanes: Cyclic AMP-responsive element-binding protein 1 antibody at 2ug/ml+mouse brain tissue
 SecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilution
 Predicted band size: 37,36,26 kDa
 Observed band size: 37 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CREB1 antibody

Phosphorylation-dependent transcription factor that stimulates transcription upon binding to the DNA cAMP response element (CRE), a sequence present in many viral and cellular promoters. Transcription activation is enhanced by the TORC coactivators which act independently of Ser-133 phosphorylation. Involved in different cellular processes including the synchronization of circadian rhythmicity and the differentiation of adipose cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758054
NCBI GeneID	1385
NCBI Accession #	NP_004370.1
NCBI GenBank Nucleotide #	NM_004379.3
UniProt Accession #	P16220; P21934; Q6V963; Q9UMA7
Molecular Weight	25,445 Da
NCBI Official Full Name	cyclic AMP-responsive element-binding protein 1 isoform A
NCBI Official Synonym Full Names	cAMP responsive element binding protein 1
NCBI Official Symbol	CREB1
NCBI Official Synonym Symbols	CREB
NCBI Protein Information	cyclic AMP-responsive element-binding protein 1
UniProt Protein Name	Cyclic AMP-responsive element-binding protein 1
UniProt Gene Name	CREB1
UniProt Synonym Gene Names	CREB-1; cAMP-responsive element-binding protein 1
UniProt Entry Name	CREB1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cyclic-amp-responsive-element-binding-protein-1-antibody-immunohistochemistry-western-blot-elisa/118108>