

Rabbit CREB1 Polyclonal Antibody | anti-CREB1 antibody

CREB1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30545	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

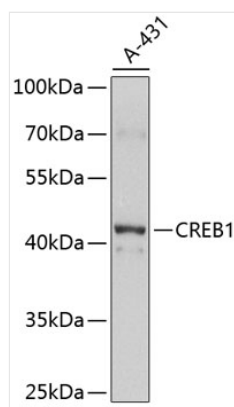
PRODUCT SYNONYMS

CREB1; Polyclonal Antibody; CREB1 Polyclonal Antibody; CREB; CREB-1; anti-CREB1 antibody

PRODUCT SPECIFICATIONS

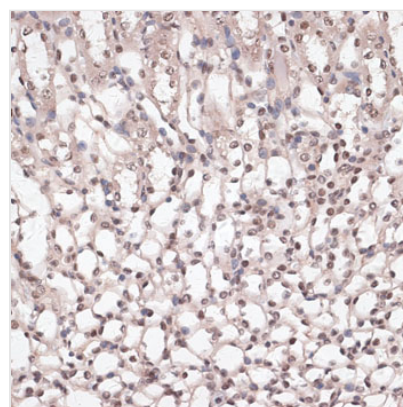
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH7.4, 150mM NaCl, 0.02% sodium azide and 153% glycerol. PBS with 0.02% sodium azide, 50% glycerol, pH7.106
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CREB1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:100
Immunogen	Recombinant fusion protein of human CREB1 (NP_604391.1)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



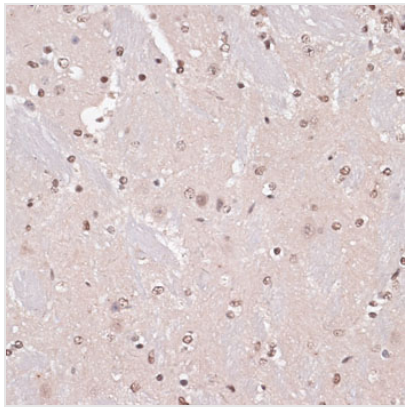
WB (Western Blot)

Western blot analysis of extracts of A-431 cells, using CREB1 antibody at 1:1000 dilution.

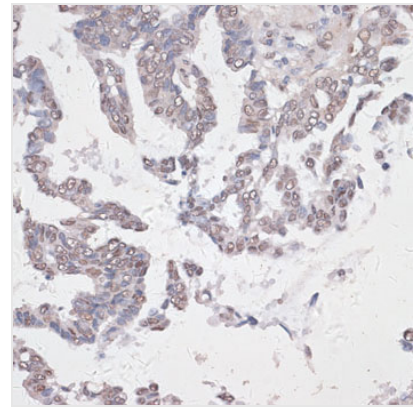


IHC (Immunohistochemistry)

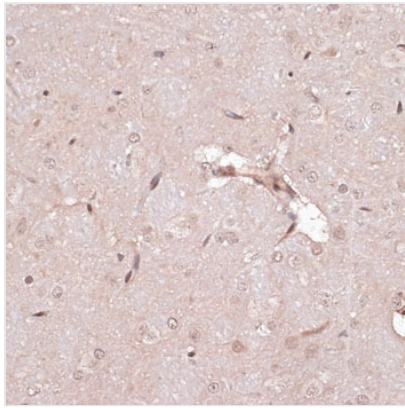
Immunohistochemistry of paraffin-embedded mouse kidney using CREB1 antibody at dilution of 1:100.



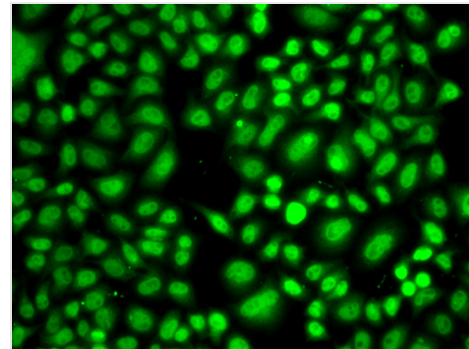
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse brain using CREB1 antibody at dilution of 1:100 .



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human lung cancer using CREB1 antibody at dilution of 1:100 .



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat brain using CREB1 antibody at dilution of 1:100 .



IF (Immunofluorescence)
Immunofluorescence analysis of A549 cells using CREB1 antibody at dilution of 1:100 . Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-CREB1 antibody	This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds as a homodimer to the cAMP-responsive element, an octameric palindrome. The protein is phosphorylated by several protein kinases, and induces transcription of genes in response to hormonal stimulation of the cAMP pathway. Alternate splicing of this gene results in several transcript variants encoding different isoforms.
Product Categories/Family for anti-CREB1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	19745184
NCBI GeneID	1385
NCBI Accession #	NP_604391.1
NCBI GenBank Nucleotide #	NM_134442.3
UniProt Accession #	P16220; P21934; Q6V963; Q9UMA7
Molecular Weight	36,688 Da
NCBI Official Full Name	cyclic AMP-responsive element-binding protein 1 isoform B
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; CREB-1; transactivator protein; active transcription factor CREB; cAMP-response element-binding protein-1; cAMP-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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/creb1-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30545>