

Rabbit anti-Human, Mouse CREB Polyclonal Antibody | anti-CREB antibody

Rabbit anti-CREB Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211583	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

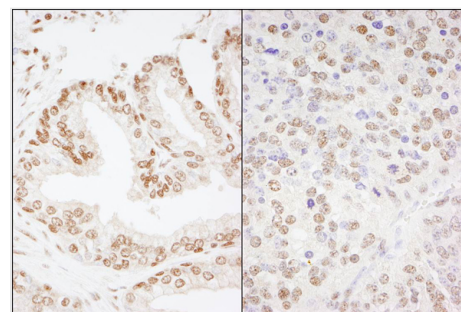
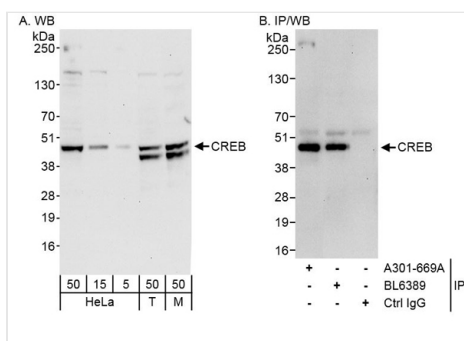
PRODUCT SYNONYMS

CREB; Polyclonal Antibody; Rabbit anti-CREB Antibody; Affinity Purified; cyclic adenosine 3'; 5'-monophosphate response element binding protein; active transcription factor CREB; cyclic AMP-responsive element-binding protein 1; transactivator protein; 5'-monophosphate response element-binding protein CREB; CREB-1; cAMP-response element-binding protein-1; cAMP-responsive element-binding protein 1; Cyclic AMP-responsive element-binding protein 1; cAMP responsive element binding protein 1; anti-CREB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-CREB antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine
Immunogen	Between 225 and 275
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IHC (Immunohistochemistry)

Detection of human and mouse CREB by immunohistochemistry. Sample: FFPE section of human prostate carcinoma (left) and mouse teratoma (right). Antibody: Affinity purified rabbit anti-CREB (Cat. No. AAA211583) used at a dilution of 1:200 (1ug/ml). Detection: DAB

WB (Western Blot)

Detection of human and mouse CREB by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug), and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-CREB antibody AAA211583 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. CREB was also immunoprecipitated by rabbit anti-CREB antibody BL6339, which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A and B).

ADDITIONAL INFORMATION

Related Product Information for anti-CREB antibody	CREB (cyclic AMP response element-binding protein) is a ubiquitously expressed transcription factor that binds cAMP response elements to regulate gene transcription for various cellular responses such as glucose homeostasis, growth-factor dependent survival, and proliferation. CREB is also implicated to play a role in memory and mood.
Product Categories/Family for anti-CREB antibody	Primary Antibodies

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/creb-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211583>