

Rabbit CREB1-S129 Antibody | anti-CREB1-S129 antibody

Phospho-CREB1-S129 Rabbit pAb

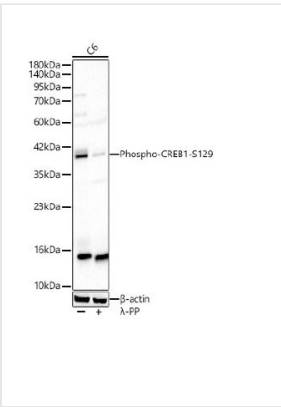
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282441	Rabbit	Human, Mouse, Rat	Western Blot

PRODUCT SYNONYMS

CREB1-S129; Phospho-CREB1-S129 Rabbit pAb; CREB; CREB-1; anti-CREB1-S129 antibody

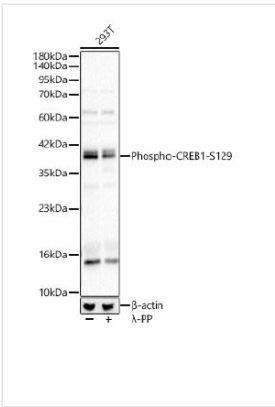
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Sequence	ILSRR
Applicable Applications for anti-CREB1-S129 antibody	WB (Western Blot)
Positive Samples	293T+lambda-PP, C6+lambda-PP
Cellular Location	Nucleus
Research Area	Epigenetics Nuclear Signaling, Transcription Factors, Protein phosphorylation, Signal Transduction, G protein signaling, ErbB-HER Signaling Pathway, MAPK-Erk Signaling Pathway, ATM Signaling Pathway, Cell Biology Developmental Biology, Apoptosis, Inhibition of Apoptosis, Endocrine Metabolism, Mitochondrial metabolism, Immunology Inflammation, B Cell Receptor Signaling Pathway, T Cell Receptor Signaling Pathway, Toll-like Receptor Signaling Pathway, Cell Intrinsic Innate Immunity Signaling Pathway, TLR Signaling, Neuroscience, Neurodegenerative Diseases, Dopamine Signaling in Parkinson's Disease
Immunogen	A synthetic phosphorylated peptide around S129 of human CREB1.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles. Ship: Ice Pack



WB (Western Blot)

Western blot analysis of C6, using Phospho-CREB1-S129 Rabbit pAb (AAA282441) at 1:400 dilution. C6 cells were treated by lambda-PP mixed solution (1ul) at 30? for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



WB (Western Blot)

Western blot analysis of 293T, using Phospho-CREB1-S129 Rabbit pAb (AAA282441) at 1:400 dilution. 293T cells were treated by lambda-PP mixed solution (1ul) at 30? for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CREB1-S129 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-S129 antibody	Phosphorylated Antibodies

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	36,688 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; 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://stage.aaabiotech.com/rabbit-human-mouse-rat-antibody/creb1-s129/282441>