Rabbit anti-Human CREB1-S133 Monoclonal Antibody | anti-CREB1 antibody

Phospho-CREB1-S133 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283157	**Rabbit**	**Human**	**ELISA, Immunohistochemistry**

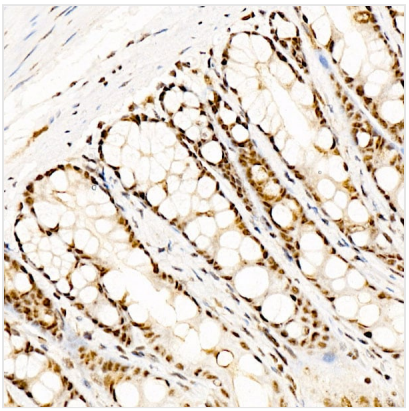
PRODUCT SYNONYMS

CREB1-S133; Monoclonal Antibody; Phospho-CREB1-S133 Rabbit mAb; CREB; CREB-1; Phospho-CREB1-S133; anti-CREB1 antibody

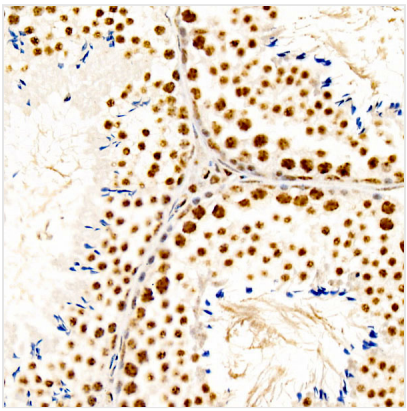
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Applicable Applications for anti-CREB1 antibody	ELISA, IHC (Immunohistochemistry)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic phosphorylated peptide around Ser133 of human CREB1.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

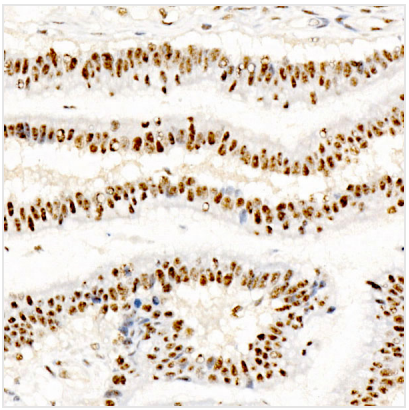
IMAGES



IHC (Immunohistochemisry)
Immunohistochemistry analysis of paraffin-embedded Rat colon using Phospho-CREB1-S133 Rabbit mAb (AAA283157) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded Mouse testis using Phospho-CREB1-S133 Rabbit mAb (AAA283157) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using Phospho-CREB1-S133 Rabbit mAb (AAA283157) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC 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	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; Inhibiti

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	Calculated MW: 35kDa
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/monoclonal/creb1-s133-antibody-immunohistochemistry-elisa/283157