

Rabbit anti-Human, Mouse CREB3 Polyclonal Antibody | anti-CREB3 antibody

CREB3 Polyclonal Antibody

CATALOG # AAA281110	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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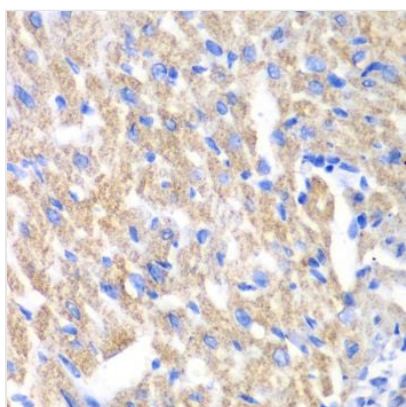
PRODUCT SYNONYMS

CREB3; Polyclonal Antibody; CREB3 Polyclonal Antibody; LUMAN; LZIP; sLZIP; anti-CREB3 antibody

PRODUCT SPECIFICATIONS

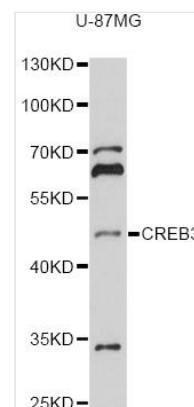
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	MELELDAGDQ DLLAFLLVES GDLGTAPDEA VRAPLDWALP LSEVPSDWEV DDLLCSLLSP PASLNILSSS NPCLVHHHT YSLPRETVSM DLESESCRKE GTQMPQHME ELAEQEIARL VLTDEEKSL EKEGLILPET LPLTKTEEQI LKRVRRKIRN KRSAQESRRK KKVYVGGLES RVLKYTAQNM ELQNKVQLLE EQNLSLLDQL RKLQAMVIEI SNKTSSSSTC
Sequence Length	371
Applicable Applications for anti-CREB3 antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-230 of human CREB3 (NP_006359.3).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse heart using CREB3 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of U-87MG cells, using CREB3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CREB3 antibody	This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds to the cAMP-response element and regulates cell proliferation. The protein interacts with host cell factor C1, which also associates with the herpes simplex virus (HSV) protein VP16 that induces transcription of HSV immediate-early genes. This protein and VP16 both bind to the same site on host cell factor C1. It is thought that the interaction between this protein and host cell factor C1 plays a role in the establishment of latency during HSV infection. This protein also plays a role in leukocyte migration, tumor suppression, and endoplasmic reticulum stress-associated protein degradation. Additional transcript variants have been identified, but their biological validity has not been determined.
Product Categories/Family for anti-CREB3 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	22219462
NCBI GeneID	10488
NCBI Accession #	NP_006359.3
NCBI GenBank Nucleotide #	NM_006368.4
UniProt Accession #	O43889; O14671; O14919; Q5TCV1; Q96GK8; Q9H2W3; Q9UE77; D0PTW6
Molecular Weight	Calculated: 39kDa; 41kDa; 43kDa Observed: 44kDa
NCBI Official Full Name	cyclic AMP-responsive element-binding protein 3
NCBI Official Synonym Full Names	cAMP responsive element binding protein 3
NCBI Official Symbol	CREB3
NCBI Official Synonym Symbols	LZIP; LUMAN; sLZIP
NCBI Protein Information	cyclic AMP-responsive element-binding protein 3
UniProt Protein Name	Cyclic AMP-responsive element-binding protein 3
UniProt Gene Name	CREB3
UniProt Synonym Gene Names	LZIP; CREB-3; cAMP-responsive element-binding protein 3; N-terminal Luman; Transcriptionally active form

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.