

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

CREB3 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285428	Rabbit	Human	ELISA, Western Blot

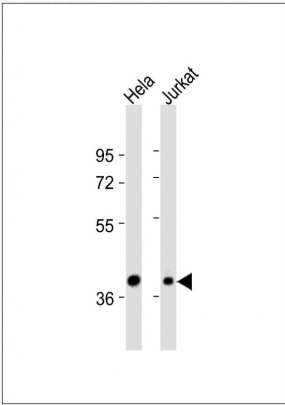
PRODUCT SYNONYMS

CREB3; Polyclonal Antibody; CREB3 Antibody (C-term); Cyclic AMP-responsive element-binding protein 3; CREB-3; cAMP-responsive element-binding protein 3; Leucine zipper protein; Luman; Transcription factor LZIP-alpha; Processed cyclic AMP-responsive element-binding protein 3; N-terminal Luman; Transcriptionally active form; LZIP; anti-CREB3 antibody

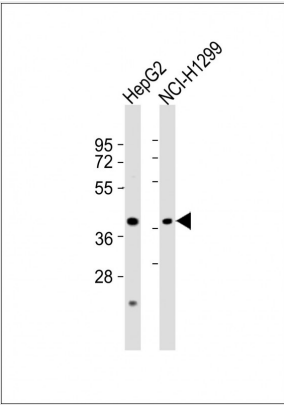
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CREB3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 311-344 amino acids from the C-terminal region of human CREB3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.32 (varies by lot)
Sequence Length	354
Applicable Applications for anti-CREB3 antibody	ELISA, WB (Western Blot)
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
All lanes : Anti-CREB3 Antibody (C-term) at 1:8000 dilution
Lane 1: HeLa whole cell lysates
Lane 2: Jurkat whole cell lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 44 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)
All lanes : Anti-CREB3 Antibody (C-term) at 1:8000 dilution
Lane 1: HepG2 whole cell lysates
Lane 2: NCI-H1299 whole cell lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 44 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-CREB3 antibody	Endoplasmic reticulum (ER)-bound transcription factor that plays a role in the unfolded protein response (UPR). Involved in cell proliferation and migration, tumor suppression and inflammatory gene expression. Plays also a role in the human immunodeficiency virus type 1 (HIV-1) virus protein expression and in the herpes simplex virus-1 (HSV-1) latent infection and reactivation from latency. Isoform 2 plays a role in the unfolded protein response (UPR). Isoform 2 acts as a positive regulator of LKN-1/CCL15-induced chemotaxis signaling of leukocyte cell migration. Isoform 2 may play a role as a cellular tumor suppressor that is targeted by the hepatitis C virus (HSV) core protein. Isoform 2 represses the VP16-mediated transactivation of immediate early genes of the HSV-1 virus by sequestering host cell factor-1 HCFC1 in the ER membrane of sensory neurons, thereby preventing the initiation of the replicative cascade leading to latent infection. Isoform 3 functions as a negative transcriptional regulator in ligand-induced transcriptional activation of the glucocorticoid receptor NR3C1 by recruiting and activating histone deacetylases (HDAC1, HDAC2 and HDAC6). Isoform 3 decreases the acetylation level of histone H4. Isoform 3 does not promote the chemotactic activity of leukocyte cells.
Product Categories/Family for anti-CREB3 antibody	Neuroscience
References	Lu R.,et al.Mol. Cell. Biol. 17:5117-5126(1997). Freiman R.N.,et al.Genes Dev. 11:3122-3127(1997). Jin D.-Y.,et al.EMBO J. 19:729-740(2000). Kang H.,et al.Mol. Endocrinol. 23:1746-1757(2009). Hayashi M.,et al.Submitted (FEB-1997) to the EMBL/GenBank/DDBJ databases.

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	43917
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
UniProt Entry Name	CREB3_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/polyclonal/creb3-antibody-western-blot-elisa/285428>