

产品名称: CREB3L2 Rabbit Polyclonal Antibody
产品货号: APRab09379



产品概述 (Summary)

产品名称 (Production Name)	CREB3L2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CREB3L2 CREB3L2; BBF2H7; Cyclic AMP-responsive element-binding protein 3-like protein 2; cAMP-responsive element-binding protein 3-like protein 2; BBF2 human homolog on chromosome 7
别名 (Alternative Names)	
基因 ID (Gene ID)	64764.0
蛋白 ID (SwissProt ID)	Q70SY1.The antiserum was produced against synthesized peptide derived from human CREB3L2. AA range:269-318

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	58kDa

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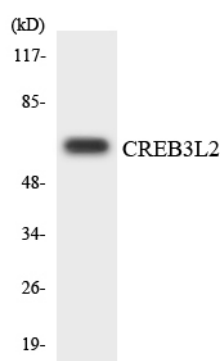
研究背景 (Background)

This gene encodes a member of the bZIP transcription factor family. Members of this family can dimerize but form homodimers only. The encoded protein is a transcriptional activator. Translocations between this gene on chromosome 7 and the gene fused in sarcoma on chromosome 16 can be found in some tumors. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011],disease:A chromosomal rearrangement involving CREB3L2 is found in low grade fibromyxoid sarcoma (LGFMS). Translocation t(7;16)(q33;p11) with FUS,function:Transcriptional activator that may act during endoplasmic reticulum stress late phase by activating unfolded protein response target genes. May play a role in preventing accumulation of unfolded proteins in damaged neurons. In vitro, binds to the cAMP response element (CRE) and activates transcription through CRE.,PTM:Controlled by regulated intramembrane proteolysis (RIP). Following ER stress a fragment containing the cytoplasmic transcription factor domain is released by proteolysis. The cleavage seems to be performed sequentially by site-1 and site-2 proteases (PS1 and PS2),similarity:Belongs to the bZIP family.,similarity:Belongs to the bZIP family. ATF subfamily.,similarity:Contains 1 bZIP domain.,subcellular location:Under ER stress the cleaved N-terminal cytoplasmic domain translocates into the nucleus.,subunit:Binds DNA as a dimer.,tissue specificity:Widely expressed with highest levels in placenta, lung, spleen and intestine, and lowest levels in heart, brain, skeletal muscle, thymus, colon and leukocytes. In fetal tissues, the weakest expression is detected in brain and heart,

研究领域 (Research Area)

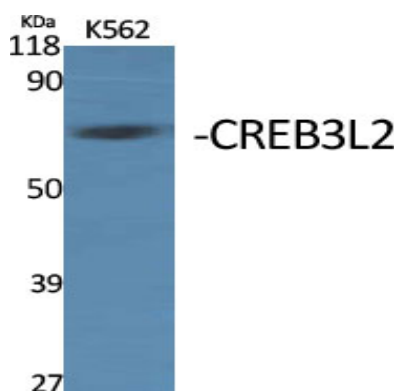
Melanogenesis;Huntington's disease;Prostate cancer;

图片 (Image Data)

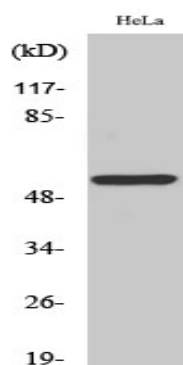


Western blot analysis of the lysates from 293 cells using CREB3L2 antibody.

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Western Blot analysis of various cells using CREB3L2 Polyclonal Antibody



Western Blot analysis of HeLa cells using CREB3L2 Polyclonal Antibody

注意事项 (Note)

For research use only .