

产品名称: Che-1 Rabbit Polyclonal Antibody
产品货号: APRab08752



产品概述 (Summary)

产品名称 (Production Name)	Che-1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,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)	AATF
别名 (Alternative Names)	AATF; CHE1; DED; HSPC277; Protein AATF; Apoptosis-antagonizing transcription factor; Rb-binding protein Che-1
基因 ID (Gene ID)	26574.0
蛋白 ID (SwissProt ID)	Q9NY61.The antiserum was produced against synthesized peptide derived from human AATF. AA range:10-59

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	70kDa

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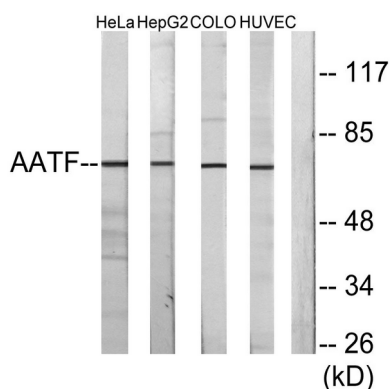


研究背景 (Background)

The protein encoded by this gene was identified on the basis of its interaction with MAP3K12/DLK, a protein kinase known to be involved in the induction of cell apoptosis. This gene product contains a leucine zipper, which is a characteristic motif of transcription factors, and was shown to exhibit strong transactivation activity when fused to Gal4 DNA binding domain. Overexpression of this gene interfered with MAP3K12 induced apoptosis. [provided by RefSeq, Jul 2008], function: May function as a general inhibitor of the histone deacetylase HDAC1. Binding to the pocket region of RB1 may displace HDAC1 from RB1/E2F complexes, leading to activation of E2F target genes and cell cycle progression. Conversely, displacement of HDAC1 from SP1 bound to the CDKN1A promoter leads to increased expression of this CDK inhibitor and blocks cell cycle progression. Also antagonizes PAWR mediated induction of aberrant amyloid peptide production in Alzheimer disease (presenile and senile dementia), although the molecular basis for this phenomenon has not been described to date., PTM: Hyperphosphorylated during the G1/S phase transition., similarity: Belongs to the AATF family., subunit: Binds PAWR, POLR2J, RB1/RB, RBL1/P107, RBL2/P130, and SP1. May also bind MAPT., tissue specificity: Ubiquitously expressed. Expressed at high levels in brain, heart, kidney, placenta and thymus.,

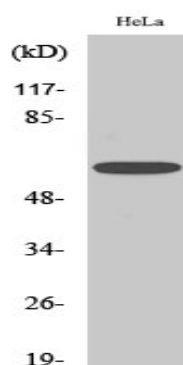
研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of lysates from HeLa cells, HepG2 cells, COLO205 cells, and HUVEC cells, using AATF Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using Che-1 Polyclonal Antibody

注意事项 (Note)

For research use only .