

产品名称: CHOP Rabbit Polyclonal Antibody
产品货号: APRab08774



产品概述 (Summary)

产品名称 (Production Name)	CHOP 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

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)	DDIT3 DDIT3; CHOP; CHOP10; GADD153; DNA damage-inducible transcript 3 protein; DDIT-3; C/EBP-homologous protein; CHOP; C/EBP-homologous protein 10; CHOP-10; Growth arrest and DNA damage-inducible protein GADD153
别名 (Alternative Names)	
基因 ID (Gene ID)	1649.0
蛋白 ID (SwissProt ID)	P35638.The antiserum was produced against synthesized peptide derived from human CHOP. AA range:15-64

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000
----------------------	--

产品名称: CHOP Rabbit Polyclonal Antibody
产品货号: APRab08774



蛋白分子量 (Molecular Weight) 19kDa

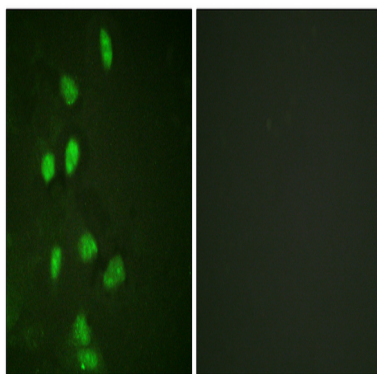
研究背景 (Background)

This gene encodes a member of the CCAAT/enhancer-binding protein (C/EBP) family of transcription factors. The protein functions as a dominant-negative inhibitor by forming heterodimers with other C/EBP members, such as C/EBP and LAP (liver activator protein), and preventing their DNA binding activity. The protein is implicated in adipogenesis and erythropoiesis, is activated by endoplasmic reticulum stress, and promotes apoptosis. Fusion of this gene and FUS on chromosome 16 or EWSR1 on chromosome 22 induced by translocation generates chimeric proteins in myxoid liposarcomas or Ewing sarcoma. Multiple alternatively spliced transcript variants encoding two isoforms with different length have been identified. [provided by RefSeq, Aug 2010],disease:A chromosomal aberration involving DDIT3 is found in a form of malignant myxoid liposarcoma [MIM:126337]. Translocation t(12;16)(q13;p11) with FUS.,function:Inhibits the DNA-binding activity of C/EBP and LAP by forming heterodimers that cannot bind DNA.,similarity:Belongs to the bZIP family.,similarity:Contains 1 bZIP domain.,subunit:Heterodimer.,

研究领域 (Research Area)

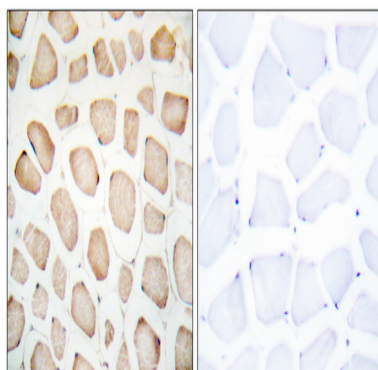
MAPK_ERK_Growth;MAPK_G_Protein;

图片 (Image Data)

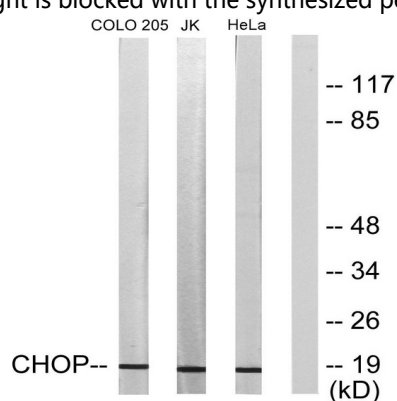


Immunofluorescence analysis of HeLa cells, using CHOP Antibody. The picture on the right is blocked with the synthesized peptide.

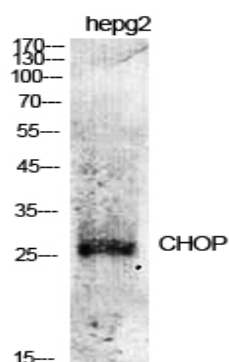
产品名称: CHOP Rabbit Polyclonal Antibody
产品货号: APRab08774



Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue, using CHOP Antibody. The picture on the right is blocked with the synthesized peptide.

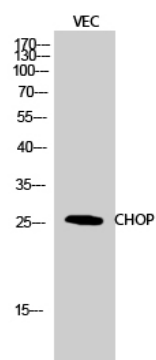


Western blot analysis of lysates from HeLa, Jurkat, and COLO205 cells, using CHOP Antibody. The lane on the right is blocked with the synthesized peptide.

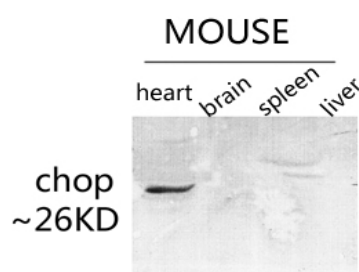


Western Blot analysis of various cells using CHOP Polyclonal Antibody diluted at 1: 500

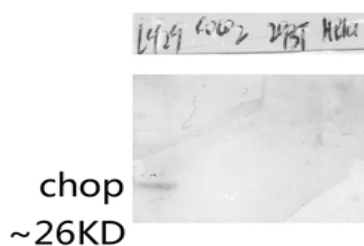
产品名称: CHOP Rabbit Polyclonal Antibody
产品货号: APRab08774



Western Blot analysis of VEC cells using CHOP Polyclonal Antibody diluted at 1: 500



Western blot analysis of various lysis using CHOP Polyclonal Antibody diluted at 1: 500. Secondary antibody was diluted at 1:20000



Western blot analysis of various lysis using CHOP Polyclonal Antibody diluted at 1: 500. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .