

产品名称: MADD Rabbit Polyclonal Antibody
产品货号: APRab13558



产品概述 (Summary)

产品名称 (Production Name)	MADD 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)	MADD MADD; DENN; IG20; KIAA0358; MAP kinase-activating death domain protein;
别名 (Alternative Names)	Differentially expressed in normal and neoplastic cells; Insulinoma glucagonoma clone 20; Rab3 GDP/GTP exchange factor
基因 ID (Gene ID)	8567.0
蛋白 ID (SwissProt ID)	Q8WXG6.The antiserum was produced against synthesized peptide derived from human MADD. AA range:751-800

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
蛋白分子量 (Molecular Weight)	183kDa

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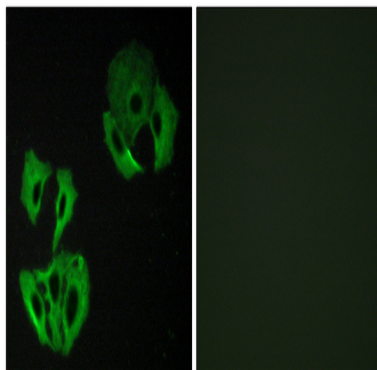
研究背景 (Background)

Tumor necrosis factor alpha (TNF-alpha) is a signaling molecule that interacts with one of two receptors on cells targeted for apoptosis. The apoptotic signal is transduced inside these cells by cytoplasmic adaptor proteins. The protein encoded by this gene is a death domain-containing adaptor protein that interacts with the death domain of TNF-alpha receptor 1 to activate mitogen-activated protein kinase (MAPK) and propagate the apoptotic signal. It is membrane-bound and expressed at a higher level in neoplastic cells than in normal cells. Several transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008],caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,function:Plays a significant role in regulating cell proliferation, survival and death through alternative mRNA splicing. Isoform 5 shows increased cell proliferation and isoform 2 shows decreased. Converts GDP-bound inactive form of RAB3A, RAB3C and RAB3D to the GTP-bound active forms. Component of the TNFRSF1A signaling complex: MADD links TNFRSF1A with MAP kinase activation. Plays an important regulatory role in physiological cell death (TNF-alpha-induced, caspase-mediated apoptosis); isoform 1 is susceptible to inducing apoptosis, isoform 5 is resistant and isoform 3 and isoform 4 have no effect.,miscellaneous:Overexpression of MADD activates the mitogen-activated protein (MAP) kinase extracellular signal-regulated kinase (ERK). Expression of the MADD death domain stimulates both the ERK and c-JUN N-terminal kinase MAP kinases and induces the phosphorylation of cytosolic phospholipase A2.,similarity:Belongs to the MADD family.,similarity:Contains 1 dDENN domain.,similarity:Contains 1 death domain.,similarity:Contains 1 DENN domain.,similarity:Contains 1 uDENN domain.,subunit:Interacts with the death domain of TNFRSF1A through its own death domain.,tissue specificity:Highly expressed in fetal brain and kidney; adult testis, ovary, brain and heart. Isoform 5 is constitutively expressed in all tissues. Isoform 7 is expressed in fetal liver and in several cancer cell lines.,

研究领域 (Research Area)

FADD; Cancer; Cell Death; Apoptosis; Receptors; Death receptors & ligands; TRADD; Metabolism; Pathways and Processes; Mitochondrial Metabolism; Mitochondrial markers; Invasion/microenvironment

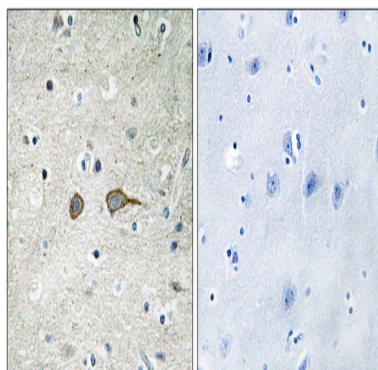
图片 (Image Data)



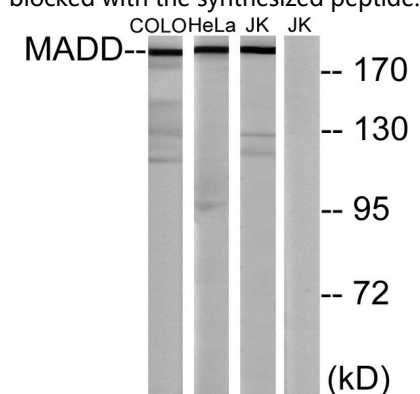
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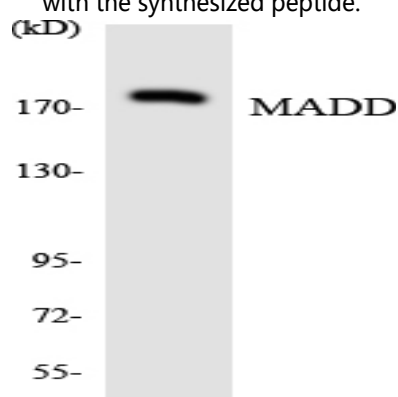
Immunofluorescence analysis of A549 cells, using MADD Antibody. The picture on the right is blocked with the synthesized peptide.



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

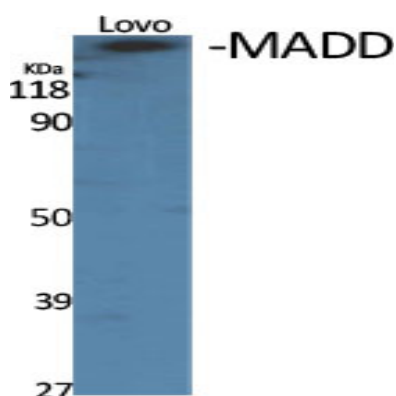


Western blot analysis of lysates from COLO, HeLa, and Jurkat cells, using MADD Antibody. The lane on the right is blocked with the synthesized peptide.

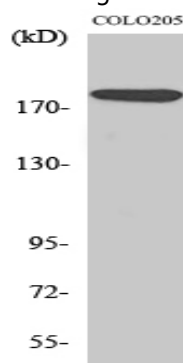


Western blot analysis of the lysates from HepG2 cells using MADD antibody.

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Western Blot analysis of various cells using MADD Polyclonal Antibody diluted at 1: 1000



Western Blot analysis of Jurkat cells using MADD Polyclonal Antibody diluted at 1: 1000

注意事项 (Note)

For research use only .