

产品名称: TRAIL Rabbit Polyclonal Antibody
产品货号: APRab19193



产品概述 (Summary)

产品名称 (Production Name)	TRAIL 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,Rat,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)	TNFSF10 TNFSF10; APO2L; TRAIL; Tumor necrosis factor ligand superfamily member 10;
别名 (Alternative Names)	Apo-2 ligand; Apo-2L; TNF-related apoptosis-inducing ligand; Protein TRAIL; CD antigen CD253
基因 ID (Gene ID)	8743.0
蛋白 ID (SwissProt ID)	P50591.The antiserum was produced against synthesized peptide derived from human TNFSF10. AA range:31-80

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 1:10000-1:20000
蛋白分子量 (Molecular Weight)	30kDa

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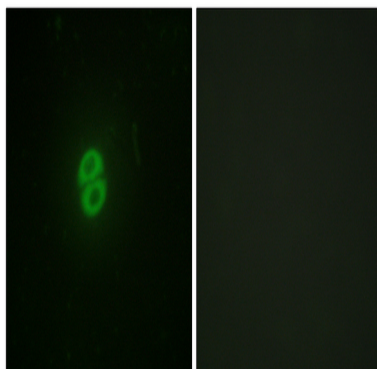
研究背景 (Background)

The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein preferentially induces apoptosis in transformed and tumor cells, but does not appear to kill normal cells although it is expressed at a significant level in most normal tissues. This protein binds to several members of TNF receptor superfamily including TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and possibly also to TNFRSF11B/OPG. The activity of this protein may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and TNFRSF11B/OPG that cannot induce apoptosis. The binding of this protein to its receptors has been shown to trigger the activation of MAPK8/JNK, caspase 8, and caspase 3. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provincofactor: Binds 1 zinc ion per trimer., function: Cytokine that binds to TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and possibly also to TNFRSF11B/OPG. Induces apoptosis. Its activity may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and TNFRSF11B/OPG that cannot induce apoptosis., similarity: Belongs to the tumor necrosis factor family., subunit: Homotrimer., tissue specificity: Widespread; most predominant in spleen, lung and prostate.,

研究领域 (Research Area)

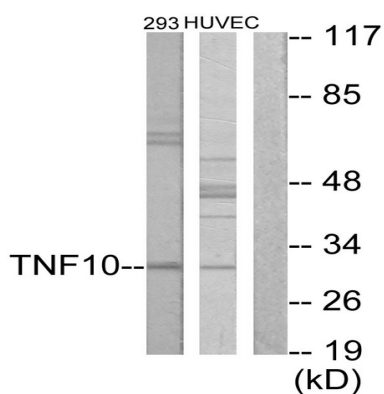
Cytokine-cytokine receptor interaction; Apoptosis_Inhibition; Apoptosis_Mitochondrial; Apoptosis_Overview; Natural killer cell mediated cytotoxicity;

图片 (Image Data)

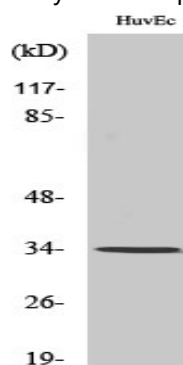


Immunofluorescence analysis of A549 cells, using CD253 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from HUVEC cells and 293 cells, using CD253 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using TRAIL Polyclonal Antibody. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .