

产品名称: TWEAK Rabbit Polyclonal Antibody
产品货号: APRab19441



产品概述 (Summary)

产品名称 (Production Name)	TWEAK 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)	TNFSF12
别名 (Alternative Names)	TNFSF12; APO3L; DR3LG; Tumor necrosis factor ligand superfamily member 12; APO3 ligand; TNF-related weak inducer of apoptosis; TWEAK
基因 ID (Gene ID)	8742.0
蛋白 ID (SwissProt ID)	O43508.The antiserum was produced against synthesized peptide derived from human TNFSF12. AA range:41-90

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)	27kDa

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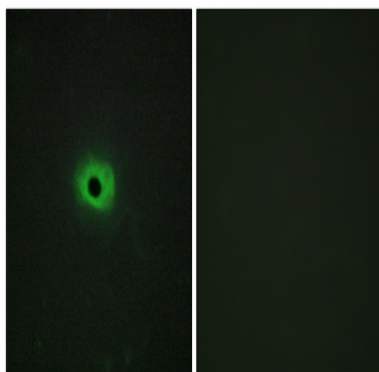
研究背景 (Background)

The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is a ligand for the FN14/TWEAKR receptor. This cytokine has overlapping signaling functions with TNF, but displays a much wider tissue distribution. This cytokine, which exists in both membrane-bound and secreted forms, can induce apoptosis via multiple pathways of cell death in a cell type-specific manner. This cytokine is also found to promote proliferation and migration of endothelial cells, and thus acts as a regulator of angiogenesis. Alternative splicing results in multiple transcript variants. Some transcripts skip the last exon of this gene and continue into the second exon of the neighboring TNFSF13 gene; such read-through transcripts are contained in GeneID 407977, TNFSF12-TNFSF13. [provided by RefSeq, Oct 2010],function: Binds to FN14 and possibly also to TNFRSF12/APO3. Weak inducer of apoptosis in some cell types. Mediates NF-kappa-B activation. Promotes angiogenesis and the proliferation of endothelial cells. Also involved in induction of inflammatory cytokines.,function: Cytokine that binds to TNFRSF13B/TACI and to TNFRSF17/BCMA. May be implicated in the regulation of tumor cell growth. May be involved in monocyte/macrophage-mediated immunological processes.,induction: Down-regulated by phorbol myristate acetate/ionomycin treatment.,PTM: The precursor is cleaved by furin.,PTM: The soluble form derives from the membrane form by proteolytic processing.,similarity: Belongs to the tumor necrosis factor family.,subunit: Homotrimer (Potential). Interacts with the angiogenic factor AGGF1/VG5Q.,subunit: Homotrimer .,tissue specificity: Expressed at high levels in transformed cell lines, cancers of colon, thyroid, lymphoid tissues and specifically expressed in monocytes and macrophages.,tissue specificity: Highly expressed in adult heart, pancreas, skeletal muscle, brain, colon, small intestine, lung, ovary, prostate, spleen, lymph node, appendix and peripheral blood lymphocytes. Low expression in kidney, testis, liver, placenta, thymus and bone marrow. Also detected in fetal kidney, liver, lung and brain.,

研究领域 (Research Area)

Cell Biology; Apoptosis; Extracellular Signals; Death Ligands; Cancer; Growth factors; TNF; Invasion/microenvironment; Signal Transduction; Antibodies; New products Recombinant

图片 (Image Data)

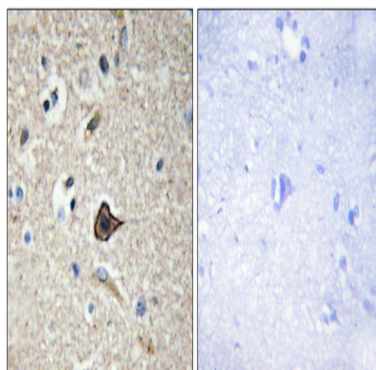


Immunofluorescence analysis of HeLa cells, using TNF12 Antibody. The picture on the right is blocked with the synthesized

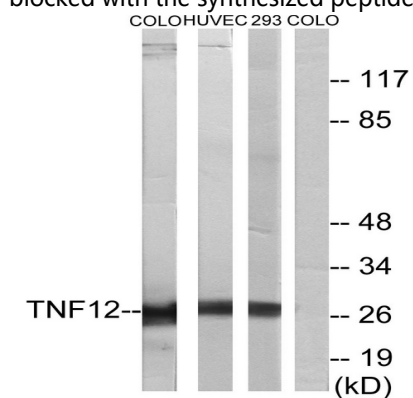
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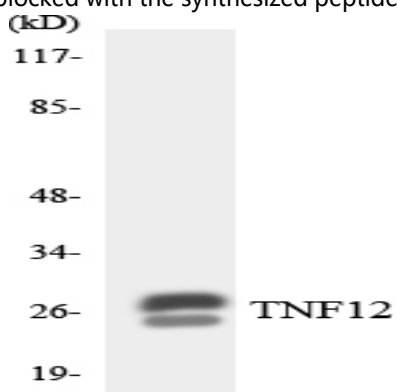
peptide.



Immunohistochemistry analysis of paraffin-embedded human brain, using TNF12 Antibody. The picture on the right is blocked with the synthesized peptide.

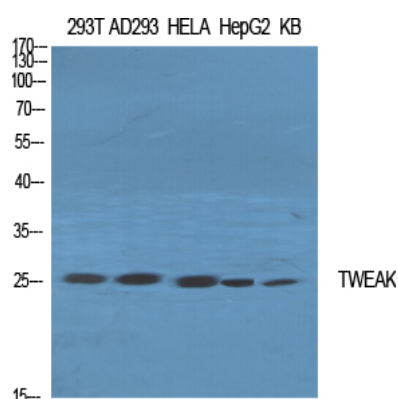


Western blot analysis of lysates from COLO205, HUVEC cells, and 293 cells, using TNF12 Antibody. The lane on the right is blocked with the synthesized peptide.

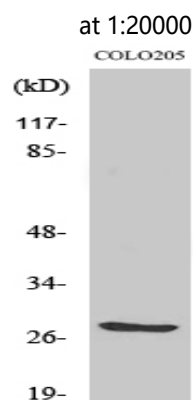


Western blot analysis of the lysates from HeLa cells using TNF12 antibody.

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Western Blot analysis of various cells using TWEAK Polyclonal Antibody diluted at 1: 2000. Secondary antibody was diluted



Western Blot analysis of 293 cells using TWEAK Polyclonal Antibody diluted at 1: 2000. Secondary antibody was diluted at
1:20000

注意事项 (Note)

For research use only .