

产品名称: Pdc4-4 Rabbit Polyclonal Antibody
产品货号: APRab15879



产品概述 (Summary)

产品名称 (Production Name)	Pdc4-4 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)	PDCD4
别名 (Alternative Names)	PDCD4; H731; Programmed cell death protein 4; Neoplastic transformation inhibitor protein; Nuclear antigen H731-like; Protein 197/15a
基因 ID (Gene ID)	27250.0
蛋白 ID (SwissProt ID)	Q53EL6.The antiserum was produced against synthesized peptide derived from human PDCD4. AA range:420-469

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)	51kDa

产品名称: Pdc4-4 Rabbit Polyclonal Antibody
产品货号: APRab15879



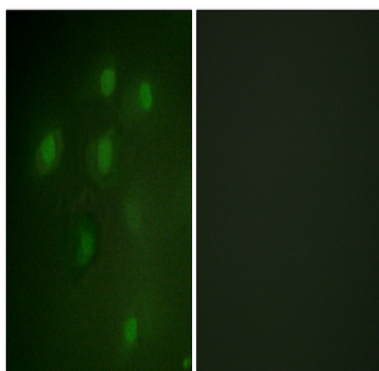
研究背景 (Background)

This gene is a tumor suppressor and encodes a protein that binds to the eukaryotic translation initiation factor 4A1 and inhibits its function by preventing RNA binding. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010],caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,disease:Loss of expression correlated with tumor progression of lung and colon carcinoma.,domain:Binds EIF4A1 via the MA3 domains.,function:Tumor suppressor. Inhibits tumor promoter-induced neoplastic transformation. Down-regulates the expression of MAP4K1, thus inhibiting events important in driving invasion, namely, MAPK85 activation and consequent JUN-dependent transcription. May play a role in apoptosis. Inhibits the helicase activity of EIF4A and cap-dependent translation. Binds RNA.,induction:IL2 stimulation inhibits expression, while IL12 increases expression.,sequence caution:Contaminating sequence. Potential poly-A sequence.,similarity:Belongs to the PDCD4 family.,similarity:Contains 2 MI domains.,subcellular location:Shuttles between the nucleus and cytoplasm. Predominantly nuclear under normal growth conditions. Exported from the nucleus in the absence of serum.,subunit:Interacts with EIF4A1 and EIF4A2.,tissue specificity:Up-regulated in proliferative cells. Highly expressed in epithelial cells of the mammary gland.,

研究领域 (Research Area)

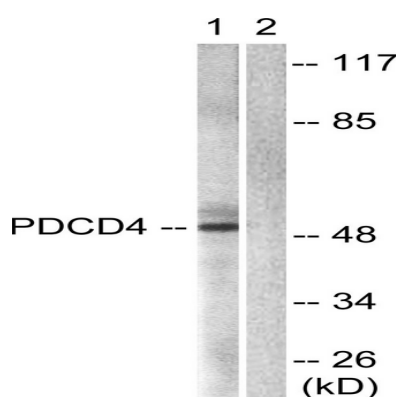
Cell Biology; Cell Cycle; Cell Cycle Inhibitors; Apoptosis; Nucleus; Epigenetics and Nuclear Signaling; Transcription; Other factors; Cancer; Invasion/microenvironment; Cell Death

图片 (Image Data)

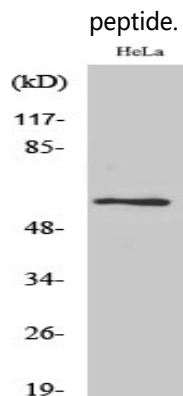


Immunofluorescence analysis of HeLa cells, using PDCD4 Antibody. The picture on the right is blocked with the synthesized peptide.

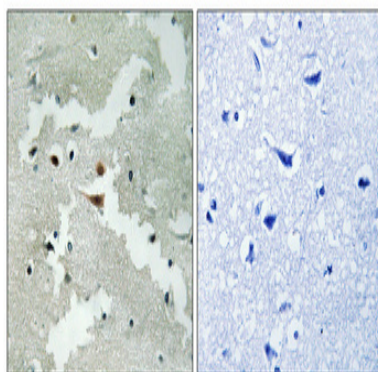
产品名称: Pdc4-4 Rabbit Polyclonal Antibody
产品货号: APRab15879



Western blot analysis of lysates from 293 cells, using PDCD4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Pdc4-4 Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°, overnight) . High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .