

产品名称: TRPS1 Rabbit Polyclonal Antibody
产品货号: AP Rab19326



产品概述 (Summary)

产品名称 (Production Name)	TRPS1 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)	TRPS1
别名 (Alternative Names)	TRPS1; Zinc finger transcription factor Trps1; Tricho-rhino-phalangeal syndrome type I protein; Zinc finger protein GC79
基因 ID (Gene ID)	7227.0
蛋白 ID (SwissProt ID)	Q9UHF7.The antiserum was produced against synthesized peptide derived from human TRPS1. AA range:121-170

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	141kDa

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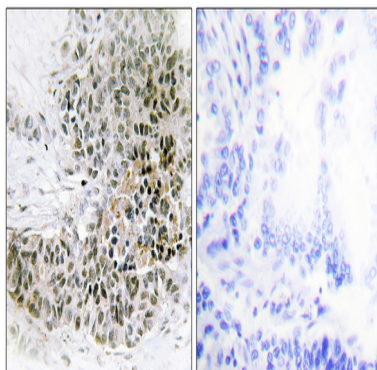


研究背景 (Background)

transcriptional repressor GATA binding 1 (TRPS1) Homo sapiens This gene encodes a transcription factor that represses GATA-regulated genes and binds to a dynein light chain protein. Binding of the encoded protein to the dynein light chain protein affects binding to GATA consensus sequences and suppresses its transcriptional activity. Defects in this gene are a cause of tricho-rhino-phalangeal syndrome (TRPS) types I-III. [provided by RefSeq, Jul 2008],disease:A chromosomal aberration involving TRPS1 is a cause of tricho-rhino-phalangeal syndrome type II (TRPS2) [MIM:150230]. TRPS2 is a contiguous gene syndrome due to deletions in chromosome 8q24.1 and resulting in the loss of functional copies of TRPS1 and EXT1.,disease:Defects in TRPS1 are the cause of tricho-rhino-phalangeal syndrome type I (TRPS1) [MIM:190350]. TRPS1 is an autosomal dominant disorder characterized by craniofacial and skeletal abnormalities. It is allelic with tricho-rhino-phalangeal type III. Typical features include sparse scalp hair, a bulbous tip of the nose, protruding ears, a long flat philtrum and a thin upper vermilion border. Skeletal defects include cone-shaped epiphyses at the phalanges, hip malformations and short stature.,disease:Defects in TRPS1 are the cause of tricho-rhino-phalangeal syndrome type III (TRPS3) [MIM:190351]. TRPS3 is an autosomal dominant disorder characterized by craniofacial and skeletal abnormalities. It is allelic with tricho-rhino-phalangeal type I. In TRPS3 a more severe brachydactyly and growth retardation are observed.,function:Transcriptional repressor. May act to restrict expression of GATA-regulated genes at selected sites and stages in vertebrate development. Might be involved in prostate cancer apoptosis.,similarity:Contains 1 GATA-type zinc finger.,similarity:Contains 7 C2H2-type zinc fingers.,subunit:Binds specifically to GATA sequences.,tissue specificity:Ubiquitously expressed in the adult. Found in fetal brain, lung, kidney, liver, spleen and thymus. More highly expressed in androgen-dependent than in androgen-independent prostate cancer cells.,

研究领域 (Research Area)

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using TRPS1 Antibody. The picture on the right is blocked with the synthesized peptide.

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注意事项 (Note)

For research use only .