Best Tools for immunology Research

TRPS1 Polyclonal Antibody

Catalog No :	YT4751
Reactivity :	Human;Mouse
Applications :	IHC;IF;WB;ELISA
Target :	TRPS1
Gene Name :	TRPS1
Protein Name :	Zinc finger transcription factor Trps1
Human Gene Id :	7227
Human Swiss Prot No :	Q9UHF7
Mouse Swiss Prot No :	Q925H1
Immunogen :	The antiserum was produced against synthesized peptide derived from human TRPS1. AA range:121-170
Specificity :	TRPS1 Polyclonal Antibody detects endogenous levels of TRPS1 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	141kD

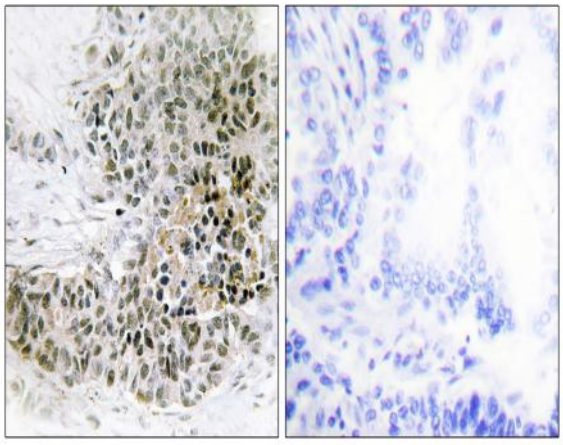
Background : transcriptional repressor GATA binding 1(TRPS1) Homo sapiens This gene encodes a transcription factor that represses GATA-regulated genes and binds to a dynein light chain protein. Binding of the encoded protein to the dynein light chain protein affects binding to GATA consensus sequences 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],

Function : 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 domin

Subcellular Location : Nucleus .

Expression : 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.

Products Images



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