TRPS1 Rabbit pAb

CatalogNo: YT4751

Key Features

Host Species	Reactivity	Applications
• Rabbit	• Human,Mouse	• IHC,IF,WB,ELISA

MW	Isotype
• 141kD (Observed)	• IgG

Recommended Dilution Ratios

WB 1:500-2000
IHC 1:100-1:300
ELISA 1:5000
IF 1:50-200

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality	Polyclonal

Immunogen Information

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.

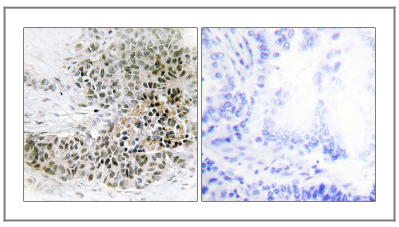
Target Information

Gene name	TRPS1
Protein Name	Zinc finger transcription factor Trps1

Organism	Gene ID	UniProt ID
Human	7227;	Q9UHF7;
Mouse		Q925H1;

Cellular Localization	Nucleus .
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.
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 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.,

Validation Data



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

Contact information

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Please scan the QR code to access additional product information:
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