

Anti-TRPS1 antibody



Description	Rabbit polyclonal to TRPS1.
Model	STJ96116
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human TRPS1
Immunogen Region	90-170 aa, N-terminal
Gene ID	7227
Gene Symbol	TRPS1
Dilution range	IHC 1:100-1:300ELISA 1:5000
Specificity	TRPS1 Polyclonal Antibody detects endogenous levels of TRPS1 protein.
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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Zinc finger transcription factor Trps1 Tricho-rhino-phalangeal syndrome type I protein Zinc finger protein GC79
Molecular Weight	141 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:12340 OMIM:150230
Alternative Names	Zinc finger transcription factor Trps1 Tricho-rhino-phalangeal syndrome type I protein Zinc finger protein GC79
Function	Transcriptional repressor. Binds specifically to GATA sequences and represses expression of GATA-regulated genes at selected sites and stages in vertebrate development. Regulates chondrocyte proliferation and differentiation. Executes multiple functions in proliferating chondrocytes, expanding the region of distal chondrocytes, activating proliferation in columnar cells and supporting the differentiation of columnar into hypertrophic chondrocytes.
Cellular Localization	Nucleus
Post-translational Modifications	Sumoylated. Sumoylation in the repressor domain inhibits the transcription repression activity. Sumoylation on Lys-1201 is the major site. Appears to be sumoylated on multiple sites.

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