

ARG67048
anti-TRPS1 antibody [SQab30333]Package: 100 µl
Store at: -20°C

Summary

Product Description	Recombinant rabbit Monoclonal antibody [SQab30333] recognizes TRPS1
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Monoclonal
Clone	SQab30333
Isotype	IgG
Target Name	TRPS1
Species	Human
Immunogen	Recombinant protein of Human TRPS1
Conjugation	Un-conjugated
Alternate Names	TRPS1, Transcriptional Repressor GATA Binding 1, LGCR, GC79, Tricho-Rhino-Phalangeal Syndrome Type I Protein, Zinc Finger Transcription Factor Trps1, Trichorhinophalangeal Syndrome I, Zinc Finger Protein GC79

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:100
Application Note	The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Beast cancer	

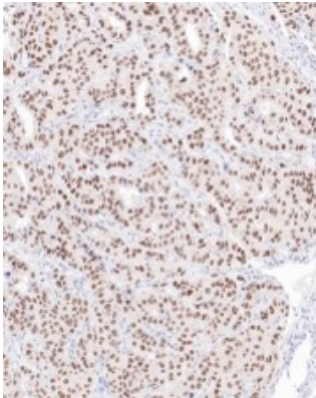
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05%BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05%BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	TRPS1
Gene Full Name	Transcriptional Repressor GATA Binding 1
Background	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	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. [UniProt]
Calculated Mw	141 kDa
PTM	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. [UniProt]
Cellular Localization	Nucleus

Images



ARG67048 anti-TRPS1 antibody [SQab30333] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded breast cancer stained with ARG67048 anti-TRPS1 antibody [SQab30333].