

## TRPS1 Conjugated Antibody

Catalog No: #C34103



Package Size: #C34103-AF350 100ul #C34103-AF405 100ul #C34103-AF488 100ul  
 #C34103-AF555 100ul #C34103-AF594 100ul #C34103-AF647 100ul  
 #C34103-AF680 100ul #C34103-AF750 100ul #C34103-Biotin 100ul

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## Description

Product Name	TRPS1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total TRPS1 protein.
Immunogen Description	Synthesized peptide derived from N-terminal of human TRPS1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Zinc finger transcription factor Trps1; Zinc finger protein GC79; Tricho-rhino-phalangeal syndrome type I protein; TRPS1
Accession No.	Swiss-Prot#: Q9UHF7 NCBI Gene ID: 7227
Uniprot	Q9UHF7
GeneID	7227;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	142
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250  
 AF405 conjugated: most applications: 1: 50 - 1: 250  
 AF488 conjugated: most applications: 1: 50 - 1: 250  
 AF555 conjugated: most applications: 1: 50 - 1: 250  
 AF594 conjugated: most applications: 1: 50 - 1: 250  
 AF647 conjugated: most applications: 1: 50 - 1: 250  
 AF680 conjugated: most applications: 1: 50 - 1: 250  
 AF750 conjugated: most applications: 1: 50 - 1: 250

## Product Description

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The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Background

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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.

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Note: This product is for in vitro research use only