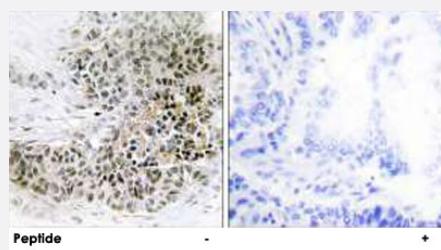


# TRPS1 polyclonal antibody

Catalog # PAB17465      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using TRPS1 polyclonal antibody (Cat # PAB17465).

Peptide "+" means "with peptide blocking".

## Specification

|                            |                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against synthetic peptide of TRPS1.                                                     |
| <b>Immunogen</b>           | A synthetic peptide corresponding to amino acids 121-170 of human TRPS1.                                                  |
| <b>Host</b>                | Rabbit                                                                                                                    |
| <b>Reactivity</b>          | Human, Mouse                                                                                                              |
| <b>Specificity</b>         | This antibody detects endogenous levels of total TRPS1 protein.                                                           |
| <b>Form</b>                | Liquid                                                                                                                    |
| <b>Recommend Usage</b>     | Immunohistochemistry (1:50-1:100)<br>ELISA (1:1000)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>      | In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)                                                             |
| <b>Storage Instruction</b> | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                                        |
| <b>Note</b>                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.    |

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using TRPS1 polyclonal antibody (Cat # PAB17465).

Peptide "+" means "with peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — TRPS1

|                    |                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">7227</a>                                                                                                                                                                                                                                                                                                                                                                            |
| Protein Accession# | <a href="#">Q9UHF7</a>                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Name          | TRPS1                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Alias         | GC79, LGCR, MGC134928                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Description   | trichorhinophalangeal syndrome I                                                                                                                                                                                                                                                                                                                                                                |
| Omim ID            | <a href="#">190350</a> <a href="#">190351</a> <a href="#">604386</a>                                                                                                                                                                                                                                                                                                                            |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Summary       | 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] |
| Other Designations | OTTHUMP00000183498 zinc finger transcription factor TRPS1                                                                                                                                                                                                                                                                                                                                       |

## Publication Reference

- [A novel TRPS1 mutation in a family with tricho-rhino-phalangeal syndrome type 1.](#)

Fujisawa T, Fukao T, Shimomura Y, Seishima M.

The Journal of Dermatology 2014 Jun; 41(6):514.

Application: IHC, Human, Scalp skin

- [Transcriptional repression of the Dspp gene leads to dentinogenesis imperfecta phenotype in Col1a1-Trps1 transgenic mice.](#)

Napierala D, Sun Y, Maciejewska I, Bertin TK, Dawson B, D'Souza R, Qin C, Lee B.

Journal of Bone and Mineral Research 2012 Aug; 27(8):1735.

Application: IHC-P, Mouse, Mouse heads

## Disease

- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)
- [Tobacco Use Disorder](#)