## Overview

| Quantity: | 1 mL |
| :--- | :--- |
| Target: | TRPS1 |
| Binding Specificity: | AA 900-1100 |
| Reactivity: | Human |
| Host: | Rabbit |
| Antibody Type: | Monoclonal |
| Clonality: | This TRPS1 antibody is un-conjugated Antibody |
| Conjugate: | Immunohistochemistry (IHC) |
| Application: |  |

Product Details

| Immunogen: | Recombinant fragment (around aa900-1100) of human TRPS1 protein (exact sequence is <br> proprietary) |
| :--- | :--- |
| Clone: | MSVA-512R |
| Isotype: | IgG, kappa |
| Target Details | TRPS1 |
| Target: | TRPS1 (TRPS1 Products) |
| Alternative Name: | GC79, LGCR, Transcriptional repressor GATA binding 1, Tricho-rhino-phalangeal syndrome type |
| Background: |  |


|  | I protein, Trichorhinophalangeal syndrome I, Trichorhinophalangeal syndrome I homolog, TRPS |
| :---: | :---: |
|  | 1, trpS1, TRPS1 gene, TRPS1_HUMAN, Zinc finger protein GC79, Zinc finger transcription factor |
|  | TRPS 1 antibody,TRPS1 antibody validated for immunohistochemistry on 76 different Normal |
|  | Tissues |
| UniProt: | Q9UHF7 |
| Pathways: | Protein targeting to Nucleus |
| Application Details |  |
| Application Notes: | IHC 1:100-1:200 |
| Comment: | Positive Control: Breast: A strong TRPS1 staining should be seen in luminal breast epithelial cells. (For low-level TRPS1 detection: Testis: A weak nuclear TRPS1 staining should be seen in spermatogonia.) <br> Negative Control: Colon: Nuclear TRPS1 staining should be absent in epithelial cells. |
| Protocol: | Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at $121^{\circ} \mathrm{C}$ in $\mathrm{pH} 7,8$ Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:100 at $37^{\circ} \mathrm{C}$ for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions. |
| Restrictions: | For Research Use only |
| Handling |  |
| Format: | Liquid |
| Storage: | $4^{\circ} \mathrm{C},-20^{\circ} \mathrm{C},-80^{\circ} \mathrm{C}$ |
| Storage Comment: | Antibody with azide - store at 2 to $8^{\circ} \mathrm{C}$. Antibody without azide - store at -20 to $-80^{\circ} \mathrm{C}$. Antibody is stable for 24 months. Non- hazardous. |



## Immunohistochemistry

Image 1. Appendical epithelial cells are TRPS1 negative but nuclear TRPS1 positivity occurs in stromal cells Dilution 1:20

## Immunohistochemistry

Image 2. Invasive breast cancer of no special type NST with intense nuclear TRPS1 positivity Dilution 1:600

## Immunohistochemistry

Image 3. Intense nuclear TRPS1 staining of luminal but not basal breast epithelial cells Dilution 1:20

