

## Rabbit anti-Human TRPM2 Polyclonal Antibody | anti-TRPM2 antibody

TRPM2 Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA118293</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

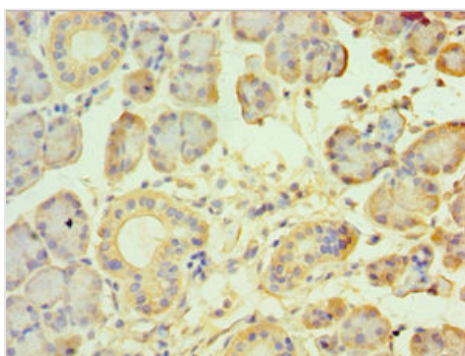
### PRODUCT SYNONYMS

TRPM2; Polyclonal Antibody; TRPM2 Antibody; Estrogen-responsive element-associated gene 1 protein; Long transient receptor potential channel 2; LTrpC-2; LTrpC2; Transient receptor potential channel 7; EREG1; KNP3; LTRPC2; TRPC7; anti-TRPM2 antibody

### PRODUCT SPECIFICATIONS

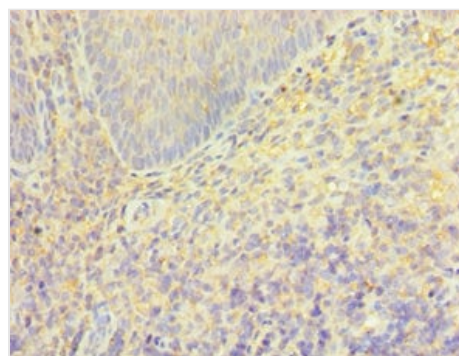
|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                     |
| Isotype                                         | IgG                                                                                                            |
| Purity/Purification                             | Antigen Affinity Purified                                                                                      |
| Sequence Length                                 | 1503                                                                                                           |
| Applicable Applications for anti-TRPM2 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                           |
| Storage Buffer                                  | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Conjugate                                       | Non-conjugated                                                                                                 |
| Immunogen                                       | Recombinant human Transient receptor potential cation channel subfamily M member 2 protein (1204-1503aa)       |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-19198                                  |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



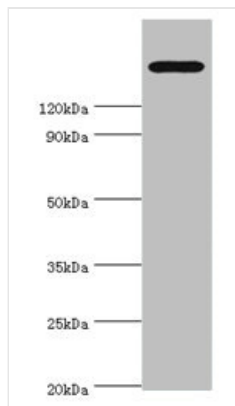
**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human pancreas tissue using AAA118293at dilution 1:100



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA118293at dilution 1:100



#### WB (Western Blot)

Western blotAll lanes: TRPM2 antibody at 2ug/ml+k562 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 172,166,96 kDaObserved band size: 171 kDa

### ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-TRPM2 antibody</b> | Nonselective, voltage-independent cation channel mediating sodium and calcium ion influx in response to oxidative stress. Extracellular calcium passes through the channel and acts from the intracellular side as a positive regulator in channel activation. Activated by ADP-ribose, nicotinamide adenine dinucleotide (NAD <sup>+</sup> ), reactive nitrogen species and arachidonic acid. Inactivated by intracellular ATP. Confers susceptibility to cell death following oxidative stress. Isoform 2 does not seem to be regulated by ADPR. Has ADP-ribose pyrophosphatase activity. |
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### NCBI AND UNIPROT INFORMATION

|                                  |                                                                  |
|----------------------------------|------------------------------------------------------------------|
| NCBI GI #                        | 4507689                                                          |
| NCBI GeneID                      | 7226                                                             |
| NCBI Accession #                 | NP_003298.1                                                      |
| NCBI GenBank Nucleotide #        | NM_003307.3                                                      |
| UniProt Accession #              | O94759; Q5KTC2; Q6J3P5; Q96KN6; Q96Q93; D3DSL6                   |
| Molecular Weight                 | 95,699 Da                                                        |
| NCBI Official Full Name          | transient receptor potential cation channel subfamily M member 2 |
| NCBI Official Synonym Full Names | transient receptor potential cation channel subfamily M member 2 |
| NCBI Official Symbol             | TRPM2                                                            |
| NCBI Official Synonym Symbols    | KNP3; EREG1; TRPC7; LTRPC2; NUDT9H; NUDT9L1                      |
| NCBI Protein Information         | transient receptor potential cation channel subfamily M member 2 |
| UniProt Protein Name             | Transient receptor potential cation channel subfamily M member 2 |
| UniProt Gene Name                | TRPM2                                                            |
| UniProt Synonym Gene Names       | EREG1; KNP3; LTRPC2; TRPC7; LTrpC-2; LTrpC2; TrpC7               |
| UniProt Entry Name               | TRPM2_HUMAN                                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.