

## Rabbit TRPM2 Polyclonal Antibody | anti-TRPM2 antibody

TRPM2 antibody - N-terminal region

|                               |                       |                                                                     |                                                           |
|-------------------------------|-----------------------|---------------------------------------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA199435</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry</b> |
|-------------------------------|-----------------------|---------------------------------------------------------------------|-----------------------------------------------------------|

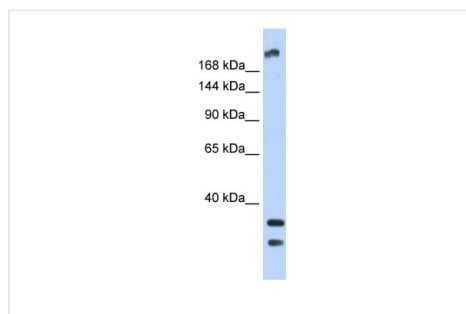
### PRODUCT SYNONYMS

TRPM2; Polyclonal Antibody; TRPM2 antibody - N-terminal region; anti-TRPM2 antibody

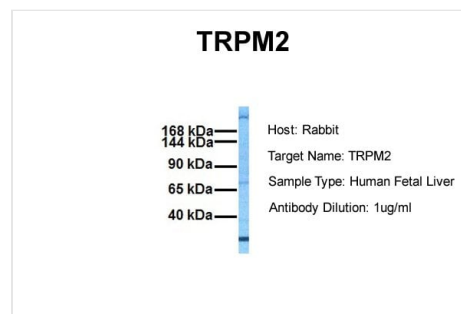
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Purity/Purification                             | Affinity Purified                                                                                                                                     |
| Form/Format                                     | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                        | Synthetic peptide with the following region: VA ILQALLKASR SQDHFHGENW DHQLKLAVAW NRVDIARSEI FMDEWQWK                                                  |
| Sequence Length                                 | 1503                                                                                                                                                  |
| Applicable Applications for anti-TRPM2 antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                                         |
| Homology                                        | Cow: 93%; Dog: 86%; Guinea Pig: 88%; Horse: 93%; Human: 100%; Mouse: 100%; Rat: 100%                                                                  |
| Immunogen                                       | The immunogen is a synthetic peptide directed towards the N terminal region of human TRPM2                                                            |
| Preparation and Storage                         | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

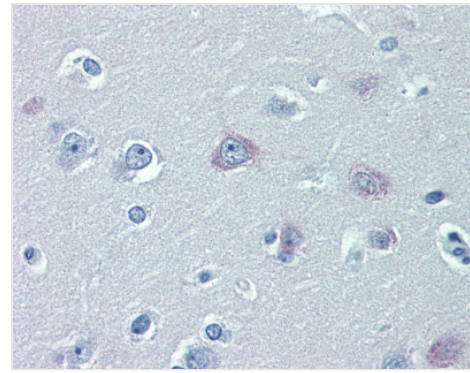
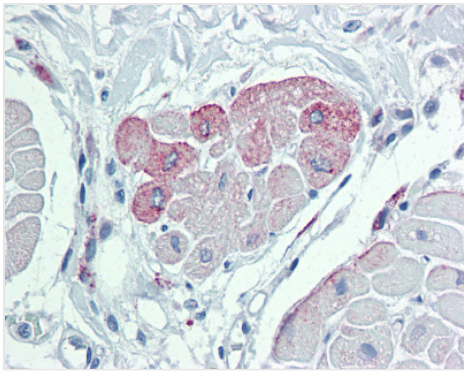
### IMAGES


**WB (Western Blot)**

TRPM2 antibody - N-terminal region validated by WB using Fetal Brain Lysate at 1ug/ml.


**WB (Western Blot)**

Host: Rabbit Target Name: TRPM2 Sample Tissue: Human Fetal Liver Antibody Dilution: 1.0ug/ml



#### IHC (Immunohistochemistry)

Sample Type: human heart  
Anti-TRPM2 antibody IHC of human heart.  
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

#### IHC (Immunohistochemistry)

Sample Type: human brain, cortex  
Anti-TRPM2 antibody IHC of human brain, cortex.  
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

## ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-TRPM2 antibody</b> | <p>This is a rabbit polyclonal antibody against TRPM2. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: TRPM2 is a calcium-permeable cation channel that is regulated by free intracellular ADP-ribose. The encoded protein is activated by oxidative stress and confers susceptibility to cell death. The protein encoded by this gene is a calcium-permeable cation channel that is regulated by free intracellular ADP-ribose. The encoded protein is activated by oxidative stress and confers susceptibility to cell death. Several alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> |
| <b>Product Categories/Family for anti-TRPM2 antibody</b>   | <p><a href="#">Polyclonal</a>; <a href="#">Signal Proteins</a>; <a href="#">Lymphocyte Signaling</a>; <a href="#">Membrane Protein</a>; <a href="#">Developmental Biology</a>; <a href="#">Immunohistochemistry</a>; <a href="#">Receptors</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                            |
|-----------------------------------------|----------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | 4507689                                                                    |
| <b>NCBI GeneID</b>                      | 7226                                                                       |
| <b>NCBI Accession #</b>                 | <a href="#">NP_003298</a>                                                  |
| <b>NCBI GenBank Nucleotide #</b>        | <a href="#">NM_003307</a>                                                  |
| <b>UniProt Accession #</b>              | <a href="#">O94759</a>                                                     |
| <b>Molecular Weight</b>                 | 171kDa                                                                     |
| <b>NCBI Official Full Name</b>          | transient receptor potential cation channel subfamily M member 2 isoform 1 |
| <b>NCBI Official Synonym Full Names</b> | transient receptor potential cation channel subfamily M member 2           |
| <b>NCBI Official Symbol</b>             | TRPM2                                                                      |
| <b>NCBI Official Synonym Symbols</b>    | KNP3; EREG1; TRPC7; LTRPC2; NUDT9H; LTrpC-2; NUDT9L1                       |
| <b>NCBI Protein Information</b>         | transient receptor potential cation channel subfamily M member 2           |
| <b>UniProt Protein Name</b>             | Transient receptor potential cation channel subfamily M member 2           |
| <b>UniProt Gene Name</b>                | <b>TRPM2</b>                                                               |
| <b>UniProt Synonym Gene Names</b>       | EREG1; KNP3; LTRPC2; TRPC7; LTrpC-2; LTrpC2; TrpC7                         |
| <b>UniProt Entry Name</b>               | 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/trpm2-antibody-western-blot-immunohistochemistry-elisa/199435>