

Anti-TRPM4 Antibody Picoband® HRP Conjugated

Catalog Number: PB9902-HRP

About TRPM4

Transient receptor potential cation channel subfamily M member 4 (hTRPM4), also known as melastatin-4, is a protein that in humans is encoded by the TRPM4 gene. It is mapped to 19q13.33. The protein encoded by this gene is a calcium-activated nonselective ion channel that mediates transport of monovalent cations across membranes, thereby depolarizing the membrane. The activity of the encoded protein increases with increasing intracellular calcium concentration, but this channel does not transport calcium. Two transcript variants encoding different isoforms have been found for this gene.

Overview

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| Product Name | Anti-TRPM4 Antibody Picoband® HRP Conjugated |
| Reactive Species | Human |
| Application | WB, IHC, ELISA |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. |
| Host | Rabbit |
| Uniprot ID | Q8TD43 |

Technical Details

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| Immunogen | E.coli-derived human TRPM4 recombinant protein (Position: F1079-D1214). Human TRPM4 shares 76.8% and 77.8% amino acid (aa) sequence identity with mouse and rat TRPM4, respectively. |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | HRP |
| Suggested Dilutions | Western blot, Optimal dilutions should be determined by end users. Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users. |

ELISA, Optimal dilutions should be determined by end users.

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Anti-TRPM4 Antibody - HRP

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