Datasheet for ABIN911742

# anti-TMEM123 antibody (AA 101-180) (HRP)

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## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | TMEM123 |
| Binding Specificity: | AA 101-180 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TMEM123 antibody is conjugated to HRP |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human Porimin |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Predicted Reactivity: | Dog,Cow,Pig,Horse |
| Purification: | Purified by Protein A. |

## Target Details

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| Target: | TMEM123 |
| Alternative Name: | Porimin (TMEM123 Products) |

## Target Details

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| Background: | Synonyms: KCT3, Keratinocytes associated transmembrane protein 3, Pro oncosis receptor inducing membrane injury, Serine/threonine rich receptor, TMEM123, Transmembrane protein 123, PORIM_HUMAN.<br>Background: This gene encodes a highly glycosylated transmembrane protein with a high content of threonine and serine residues in its extracellular domain, similar to a broadly defined category of proteins termed mucins. Exposure of some cell types to anti PORIMIN (pro oncosis receptor inducing membrane injury) antibody, crosslinks this protein on the cell surface and induces a type of cell death termed oncosis. Oncosis is distinct from apoptosis and is characterized by a loss of cell membrane integrity without DNA fragmentation. This gene product is proposed to function as a cell surface receptor that mediates cell death. |
| Gene ID: | 114908 |
| Pathways: | Regulation of Cell Size |

## Application Details

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| Application Notes: | WB 1:300-5000<br>IHC-P 1:200-400<br>IHC-F 1:100-500 |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Liquid |
| Concentration: | 1 μg/μL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Handling Advice: | Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |

## Handling

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| Expiry Date: | 12 months |

 