

**TRPM7 Rabbit mAb**  
Catalog # AP77166**Specification**

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**TRPM7 Rabbit mAb - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">Q96QT4</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>212697</b>

**TRPM7 Rabbit mAb - Additional Information****Gene ID** 54822**Other Names**

TRPM7

**Dilution**

WB~~1/500-1/1000

**Format**

Liquid

**TRPM7 Rabbit mAb - Protein Information****Name** TRPM7**Synonyms** CHAK1, LTRPC7**Function**

Essential ion channel and serine/threonine-protein kinase. Divalent cation channel permeable to calcium and magnesium (PubMed:<a href="http://www.uniprot.org/citations/35561741" target="\_blank">35561741</a>). Has a central role in magnesium ion homeostasis and in the regulation of anoxic neuronal cell death. Involved in TNF- induced necroptosis downstream of MLKL by mediating calcium influx. The kinase activity is essential for the channel function. May be involved in a fundamental process that adjusts plasma membrane divalent cation fluxes according to the metabolic state of the cell. Phosphorylates annexin A1 (ANXA1).

**Cellular Location**

Membrane; Multi-pass membrane protein

**TRPM7 Rabbit mAb - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### TRPM7 Rabbit mAb - Images

