

## Product datasheet for **TA342076**

### Porimin (TMEM123) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TMEM123 antibody: synthetic peptide directed towards the C terminal of human TMEM123. Synthetic peptide located within the following region: SSVTITTTMHSEAKKGSKFDTGSFVGGIVLTLGVLSILYIGCKMYYSRRG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	19 kDa
Gene Name:	transmembrane protein 123
Database Link:	<a href="#">NP_443164</a> <a href="#">Entrez Gene 114908 Human</a> <a href="#">Q8N131</a>



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**Background:**

TMEM123 is 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. TMEM123 is proposed to function as a cell surface receptor that mediates cell death. 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.

**Synonyms:**

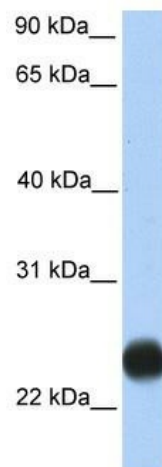
KCT3; PORIMIN; PORMIN

**Note:**

Immunogen Sequence Homology: Human: 100%

**Protein Families:**

Transmembrane

**Product images:**

WB Suggested Anti-TMEM123 Antibody Titration:  
0.2-1 ug/ml; Positive Control: Human Placenta