

**TMBIM4 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP10496a**

**Specification**

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**TMBIM4 Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9HC24</a>
Other Accession	<a href="#">NP_057140.2</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	26971
Antigen Region	1-30

**TMBIM4 Antibody (N-term) - Additional Information**

**Gene ID** 51643

**Other Names**

Protein lifeguard 4, Golgi anti-apoptotic protein, Protein S1R, Transmembrane BAX inhibitor motif-containing protein 4, Z-protein, TMBIM4, GAAP, LFG4

**Target/Specificity**

This TMBIM4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human TMBIM4.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

TMBIM4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**TMBIM4 Antibody (N-term) - Protein Information**

**Name** TMBIM4

**Synonyms** GAAP, LFG4

**Function** Anti-apoptotic protein which can inhibit apoptosis induced by intrinsic and extrinsic apoptotic stimuli. Can modulate both capacitative Ca<sup>2+</sup> entry and inositol 1,4,5-trisphosphate (IP<sub>3</sub>)-mediated Ca<sup>2+</sup> release.

**Cellular Location**

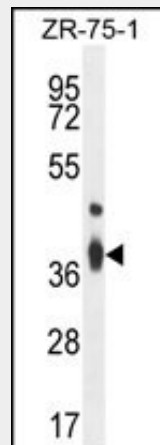
Golgi apparatus membrane; Multi-pass membrane protein

**TMBIM4 Antibody (N-term) - Protocols**

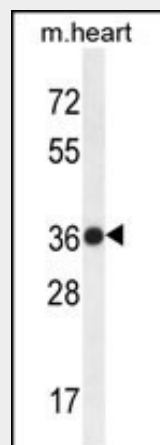
Provided below are standard protocols that you may find useful for product applications.

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

**TMBIM4 Antibody (N-term) - Images**



TMBIM4 Antibody (N-term) (Cat. #AP10496a) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the TMBIM4 antibody detected the TMBIM4 protein (arrow).



TMBIM4 Antibody (N-term) (Cat. #AP10496a) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the TMBIM4 antibody detected the TMBIM4 protein (arrow).

#### **TMBIM4 Antibody (N-term) - References**

- de Mattia, F., et al. Mol. Biol. Cell 20(16):3638-3645(2009)  
Zhou, J., et al. Comput Biol Chem 32(3):159-162(2008)  
Gubser, C., et al. PLoS Pathog. 3 (2), E17 (2007) :  
Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :  
Hu, R.M., et al. Proc. Natl. Acad. Sci. U.S.A. 97(17):9543-9548(2000)