

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

TMBIM4 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9HC24
Other Accession	NP_057140.2
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

E~~Use at an assay dependent concentration.

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^{2+} entry and inositol 1,4,5-trisphosphate (IP3)-mediated Ca^{2+} release.

Cellular Location

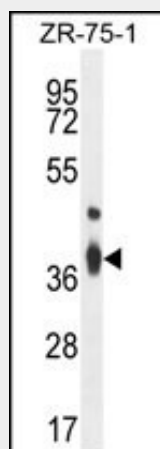
Golgi apparatus membrane; Multi-pass membrane protein

TMBIM4 Antibody (N-term) - Protocols

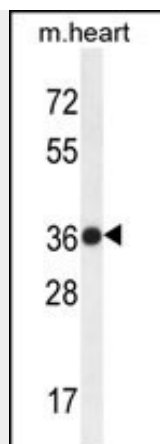
Provided below are standard protocols that you may find useful for product applications.

- [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)