

TMBIM4 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP53325**Specification**

TMBIM4 Antibody - Product Information

Application	WB
Primary Accession	O9HC24
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27 KDa
Antigen Region	117-166

TMBIM4 Antibody - 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

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TMBIM4. The exact sequence is proprietary.

Dilution

WB~~ 1:500

Format

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol

Storage

Store at -20 °C.Stable for 12 months from date of receipt

TMBIM4 Antibody - 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 Ca²⁺ entry and inositol 1,4,5-trisphosphate (IP3)-mediated Ca²⁺ release.

Cellular Location

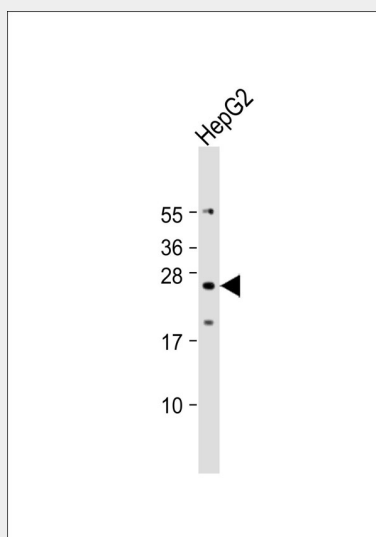
Golgi apparatus membrane; Multi-pass membrane protein

TMBIM4 Antibody - 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 - Images



Anti-TMBIM4 Antibody at 1:500 dilution + HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 27 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

TMBIM4 Antibody - Background

Anti-apoptotic protein which can inhibit apoptosis induced by intrinsic and extrinsic apoptotic stimuli. Can modulate both capacitative Ca²⁺ entry and inositol 1,4,5-trisphosphate (IP₃)-mediated Ca²⁺ release.

TMBIM4 Antibody - References

Goldberger O., et al. Submitted (SEP-1999) to the EMBL/GenBank/DDBJ databases.
Lai C.-H., et al. Genome Res. 10:703-713(2000).
Hu R.-M., et al. Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000).
Otsuki T., et al. DNA Res. 12:117-126(2005).
Scherer S.E., et al. Nature 440:346-351(2006).

TMBIM4 Antibody - Citations

- [TMBIM4 Deficiency Facilitates NLRP3 Inflammasome Activation-Induced Pyroptosis of](#)

[Trophoblasts: A Potential Pathogenesis of Preeclampsia](#)