

TMBIM4 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP53325

Product Information

Application	WB
Primary Accession	Q9HC24
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26971

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

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

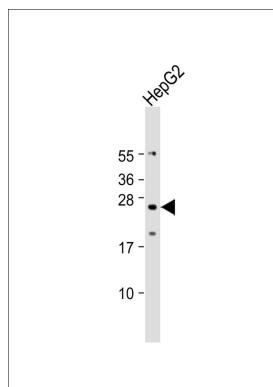
Background

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.

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).

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.

Citations

- [TMBIM4 Deficiency Facilitates NLRP3 Inflammasome Activation-Induced Pyroptosis of Trophoblasts: A Potential Pathogenesis of Preeclampsia](#)

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