

TMBIM6 / Bax Inhibitor 1 Antibody (clone 20F430)
Mouse Monoclonal Antibody
Catalog # ALS11908**Specification**

TMBIM6 / Bax Inhibitor 1 Antibody (clone 20F430) - Product Information

Application	IHC
Primary Accession	P55061
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal
Calculated MW	27kDa KDa

TMBIM6 / Bax Inhibitor 1 Antibody (clone 20F430) - Additional Information**Gene ID** 7009**Other Names**

Bax inhibitor 1, BI-1, Testis-enhanced gene transcript protein, Transmembrane BAX inhibitor motif-containing protein 6, TMBIM6, BI1, TEGT

Target/Specificity

A mixture of three synthetic peptides corresponding to the N-terminal, internal and C-terminal regions of human Bax Inhibitor 1. Epitope mapping indicates that the antibody recognizes an epitope in the N-terminal region of Bi-1.

Reconstitution & Storage

+4°C or -20°C, Avoid repeated freezing and thawing.

Precautions

TMBIM6 / Bax Inhibitor 1 Antibody (clone 20F430) is for research use only and not for use in diagnostic or therapeutic procedures.

TMBIM6 / Bax Inhibitor 1 Antibody (clone 20F430) - Protein Information**Name** TMBIM6**Synonyms** BI1, TEGT**Function**

Suppressor of apoptosis (PubMed:21075086). Modulates unfolded protein response signaling (PubMed:21075086). Modulates ER calcium homeostasis by acting as a calcium-leak channel (PubMed:22128171). Negatively regulates autophagy and autophagosome formation, especially during periods of nutrient deprivation, and reduces cell survival during starvation (By similarity).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

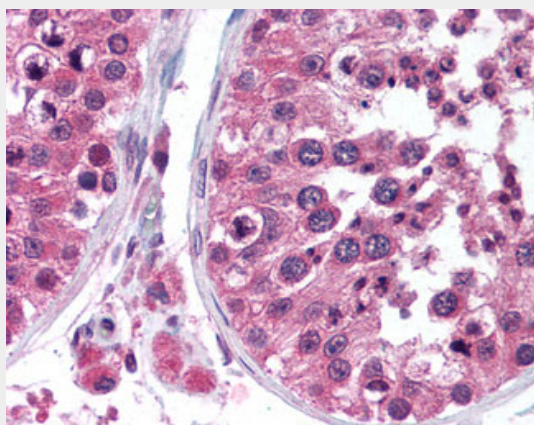
Tissue Location

Highly abundant in testis.

TMBIM6 / Bax Inhibitor 1 Antibody (clone 20F430) - 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](#)

TMBIM6 / Bax Inhibitor 1 Antibody (clone 20F430) - Images

Anti-TMBIM6 / Bax Inhibitor 1 antibody IHC of human testis.

TMBIM6 / Bax Inhibitor 1 Antibody (clone 20F430) - Background

Suppressor of apoptosis. Modulates unfolded protein response signaling. Modulate ER calcium homeostasis by acting as a calcium-leak channel.

TMBIM6 / Bax Inhibitor 1 Antibody (clone 20F430) - References

Walter L., et al. Genomics 28:301-304(1995).
Cowling R.T., et al. Submitted (NOV-1997) to the EMBL/GenBank/DDBJ databases.
Kim J.-H., et al. Submitted (AUG-2004) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Scherer S.E., et al. Nature 440:346-351(2006).