10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

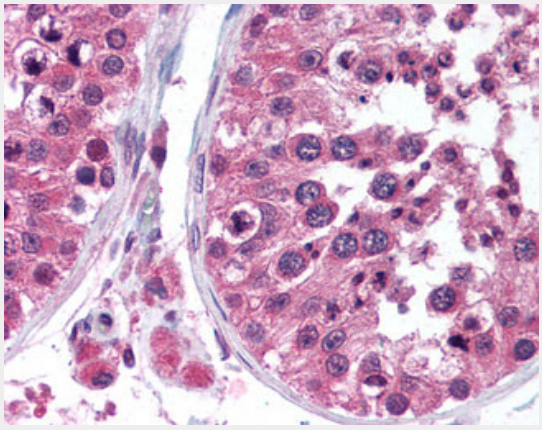
Tissue Location
Highly abundant in testis.

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 Cytomety
- 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).