

BI-1 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10254**Specification**

BI-1 Antibody - Product Information

Application	WB
Primary Accession	P55061
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	26538

BI-1 Antibody - Additional Information**Gene ID** 7009**Application & Usage****Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. The antibody detects BI-1 in samples from mouse, rat and human origins.****Other Names**

Bax inhibitor-1, BI-1, Bax, Bax inhibitor

Target/Specificity

BI 1

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.2 mg/ml) affinity purified rabbit anti-BI-1 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

BI-1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

BI-1 Antibody - 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.

BI-1 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](#)

BI-1 Antibody - Images**BI-1 Antibody - Background**

BI-1 (Bax inhibitor-1), also designated TEGT for testis enhanced gene transcript, was identified as an additional inhibitor of apoptosis. BI-1 interacts with Bcl-2 and Bcl-xL, but not with Bax or Bak, to inhibit Bax induced apoptosis.