

GAAP Blocking Peptide
Catalog # PBV10213b**Specification**

GAAP Blocking Peptide - Product Information

Primary Accession	P55061
Gene ID	7009
Calculated MW	26538

GAAP Blocking Peptide - Additional Information**Gene ID** 7009**Application & Usage**

The peptide is used for blocking the antibody activity of GAAP. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Other Names

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

Target/Specificity

GAAP

Formulation

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

GAAP Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

GAAP Blocking Peptide - Protein Information**Name** TMBIM6**Synonyms** BI1, TEGT**Function**

Suppressor of apoptosis (PubMed:<a href="http://www.uniprot.org/citations/21075086"

target="_blank">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.

GAAP Blocking Peptide - 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](#)

GAAP Blocking Peptide - Images