

TAPBPL Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16431a**Specification**

TAPBPL Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9BX59](#)**TAPBPL Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 55080**Other Names**

Tapasin-related protein, TAPASIN-R, TAP-binding protein-like, TAP-binding protein-related protein, TAPBP-R, Tapasin-like, TAPBPL

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TAPBPL Antibody (N-term) Blocking Peptide - Protein Information**Name** TAPBPL**Function**

Component of the antigen processing and presentation pathway, which binds to MHC class I coupled with beta2-microglobulin/B2M. Association between TAPBPR and MHC class I occurs in the absence of a functional peptide-loading complex (PLC).

Cellular Location

Cell membrane; Single-pass type I membrane protein Endoplasmic reticulum membrane; Single-pass type I membrane protein. Microsome membrane; Single-pass type I membrane protein. Golgi apparatus membrane; Single-pass type I membrane protein. Note=Mainly found in endoplasmic reticulum but a minority is found on the cell surface (PubMed:11920573)

TAPBPL Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

TAPBPL Antibody (N-term) Blocking Peptide - Images**TAPBPL Antibody (N-term) Blocking Peptide - Background**

Tapasin, or TAPBP (MIM 601962), is a member of the variable-constant Ig superfamily that links major histocompatibility complex (MHC) class I molecules to the transporter associated with antigen processing (TAP; see MIM170260) in the endoplasmic reticulum (ER). The TAPBP gene is located near the MHC complex on chromosome 6p21.3. TAPBPL is a member of the Ig superfamily that is localized on chromosome 12p13.3, a region somewhat paralogous to the MHC. [supplied by OMIM].

TAPBPL Antibody (N-term) Blocking Peptide - References

Hosgood, H.D. III, et al. Occup Environ Med 66(12):848-853(2009) Chapuis, J., et al. Mol. Psychiatry 14(11):1004-1016(2009) Lee, J.H., et al. Neurogenetics 9(2):127-138(2008) Zhang, Z., et al. Protein Sci. 13(10):2819-2824(2004) Teng, M.S., et al. Eur. J. Immunol. 32(4):1059-1068(2002)