

TAPBPL Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16431a**Specification**

TAPBPL Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q9BX59
Other Accession	NP_060479.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	50183
Antigen Region	2-31

TAPBPL Antibody (N-term) - 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

Target/Specificity

This TAPBPL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 2-31 amino acids from the N-terminal region of human TAPBPL.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TAPBPL Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TAPBPL Antibody (N-term) - 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

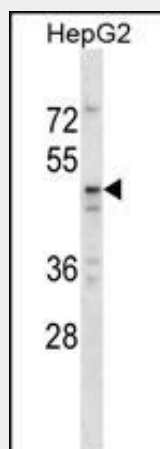
Cell membrane; Single-pass type I membrane protein Endoplasmic reticulum membrane; Single-pass type I membrane protein. Microsome membrane; Single-pass type I membrane protein. Golgi apparatus membrane; Single-pass type I membrane protein. Note=Mainly found in endoplasmic reticulum but a minority is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

TAPBPL Antibody (N-term) - 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](#)

TAPBPL Antibody (N-term) - Images



TAPBPL Antibody (N-term) (Cat. #AP16431a) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the TAPBPL antibody detected the TAPBPL protein (arrow).

TAPBPL Antibody (N-term) - 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 MIM 170260) 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) - 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)
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Zhang, Z., et al. Protein Sci. 13(10):2819-2824(2004)
Teng, M.S., et al. Eur. J. Immunol. 32(4):1059-1068(2002)