

Tapasin Related Protein Rabbit pAb

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Catalog # AP57012

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9BX59
Predicted	Human, Mouse, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50183
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Tapasin Related Protein
Epitope Specificity	301-400/468
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell membrane. Endoplasmic reticulum membrane. Microsome membrane. Mainly found in endoplasmic reticulum but a minority is found on the cell surface.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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, Mar 2008]

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
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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)

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.