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Datasheet for ABIN1539369 anti-TAPBP antibody (N-Term)

Image



Overview

Quantity:	400 μL
Target:	ТАРВР
Binding Specificity:	AA 42-70, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This TAPBP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 42-70 amino acids from the N-terminal region of human TAPBP.
Clone:	RB39546
lsotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ТАРВР
Alternative Name:	TAPBP (TAPBP Products)
Background:	This gene encodes a transmembrane glycoprotein which mediates interaction between newly assembled major histocompatibility complex (MHC) class I molecules and the transporter associated with antigen processing (TAP), which is required for the transport of antigenic

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Target Details

	peptides across the endoplasmic reticulum membrane. This interaction is essential for optimal
	peptide loading on the MHC class I molecule. Up to four complexes of MHC class I and this
	protein may be bound to a single TAP molecule. This protein contains a C-terminal double-
	lysine motif (KKKAE) known to maintain membrane proteins in the endoplasmic reticulum. This
	gene lies within the major histocompatibility complex on chromosome 6. Alternative splicing
	results in three transcript variants encoding different isoforms.
Molecular Weight:	47626
Gene ID:	6892

NCBI Accession:	NP_003181, NP_757345, NP_757346
UniProt:	015533

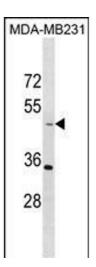
Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

-	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	TAPBP Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months

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Western Blotting

Image 1. TBP Antibody (N-term) 18702a western blot analysis in MDA-M cell line lysates $(35 \mu g/lane)$.This demonstrates the TBP antibody detected the TBP protein (arrow).

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