

Datasheet for ABIN6567907

anti-TAPBP antibody**3** Images[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	TAPBP
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAPBP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein of human TAPBP
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	TAPBP
Alternative Name:	TAPBP (TAPBP Products)
Background:	<p>Synonyms: NGS 17,NGS-17,NGS17,TAP associated protein ,TAP binding protein ,TAP binding protein (tapasin),TAP BP,TAP-associated protein,TAP-binding protein,TAPA,Tapasin,TAPBP,TPN,TPSN,TPSN</p> <p>Background: This gene encodes a transmembrane glycoprotein which mediates interaction between newly assembled major histocompatibility complex (MHC) class I molecules and the</p>

Target Details

transporter associated with antigen processing (TAP), which is required for the transport of antigenic 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:	Observed_MW: 50kDa Calculated_MW: 38kDa/43kDa/47kDa/53kDa
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Gene ID:	6892
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UniProt:	O15533
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Application Details

Application Notes:	WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200
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Restrictions:	For Research Use only
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Handling

Concentration:	1 mg/mL
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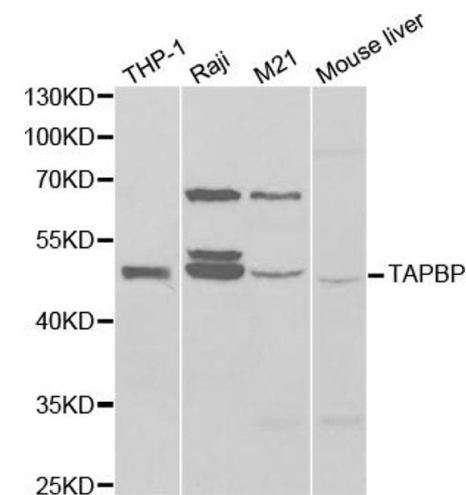
Buffer:	Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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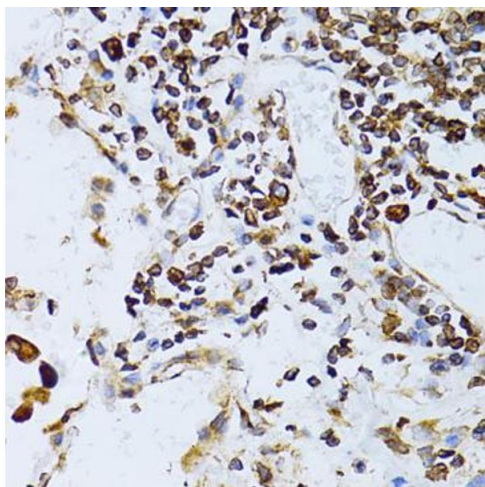
Storage:	-20 °C
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Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
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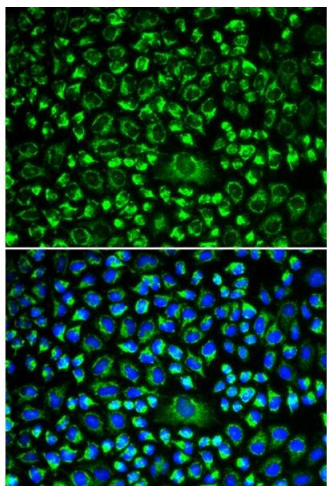
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using TAPBP antibody.



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human lung cancer using TAPBP antibody.



Immunofluorescence

Image 3. Immunofluorescence analysis of HeLa cells using TAPBP antibody.