Product Datasheet

TAPBP Antibody

Catalog No: #32525

Package Size: #32525-1 50ul #32525-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

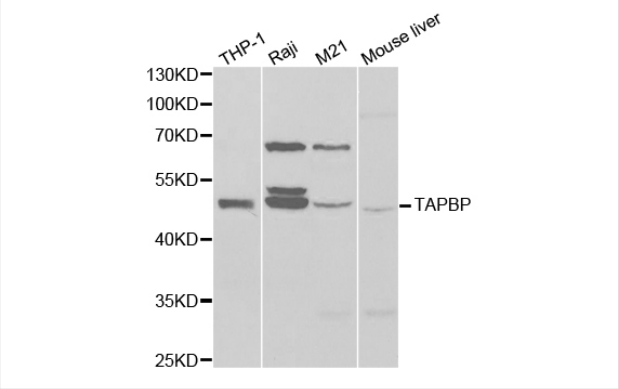
Product Name	TAPBP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total TAPBP protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TAPBP.
Target Name	TAPBP
Other Names	TPN; TAPA; TPSN; NGS17;
Accession No.	Swiss-Prot:O15533NCBI Gene ID:6892
Uniprot	O15533
GeneID	6892;
SDS-PAGE MW	47KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

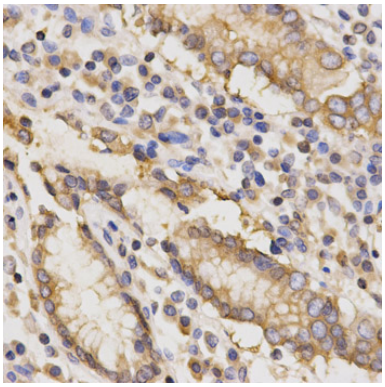
Western blotting: 1:500 - 1:2000

Immunohistochemistry: 1:50 - 1:100

Images



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



Immunohistochemistry of paraffin-embedded human stomach using TAPBP antibody at dilution of 1:200 (x400 lens).

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 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.

Note: This product is for in vitro research use only