

TAPBPL Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant TAPBPL.

Catalog # AT4151a

Product Information

Application	WB, E
Primary Accession	Q9BX59
Other Accession	NM_018009
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	6E4
Calculated MW	50183

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	TAPBPL (NP_060479, 23 a.a. ~ 121 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	TAPBPL Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

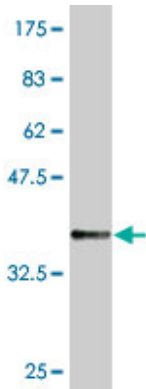
Tapasin, or TAPBP (MIM 601962), is a member of the variable-constant Ig superfamily that links major histocompatibility complex (MHC) class I molecules to the transporter associated with antigen processing (TAP; see MIM 170260) in the endoplasmic reticulum (ER). The TAPBP gene is located near the MHC 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.

References

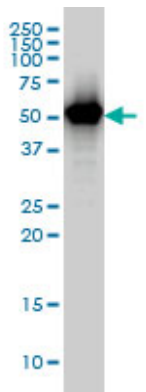
Association between genetic variants in VEGF, ERCC3 and occupational benzene haematotoxicity. Hosgood

HD 3rd, et al. Occup Environ Med, 2009 Dec. PMID 19773279. Transcriptomic and genetic studies identify IL-33 as a candidate gene for Alzheimer's disease. Chapuis J, et al. Mol Psychiatry, 2009 Nov. PMID 19204726. Further examination of the candidate genes in chromosome 12p13 locus for late-onset Alzheimer disease. Lee JH, et al. Neurogenetics, 2008 May. PMID 18340469. Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.

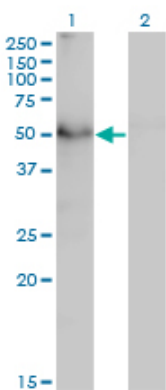
Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .

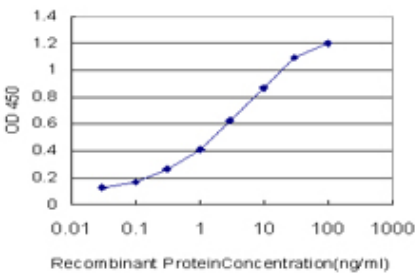


TAPBPL monoclonal antibody (M02), clone 6E3 Western Blot analysis of TAPBPL expression in A-431 (Cat # AT4151a)



Western Blot analysis of TAPBPL expression in transfected 293T cell line by TAPBPL monoclonal antibody (M02), clone 6E3.

Lane 1: TAPBPL transfected lysate(50.2 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged TAPBPL is approximately 0.03ng/ml as a capture antibody.

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