

VBP1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant VBP1.

Catalog # AT4504a

Product Information

Application	WB, IHC, E
Primary Accession	P61758
Other Accession	BC046094
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	3D11
Calculated MW	22626

Additional Information

Gene ID	7411
Other Names	Prefoldin subunit 3, HIBBJ46, Von Hippel-Lindau-binding protein 1, VBP-1, VHL-binding protein 1, VBP1, PFDN3
Target/Specificity	VBP1 (AAH46094, 1 a.a. ~ 197 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 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	VBP1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

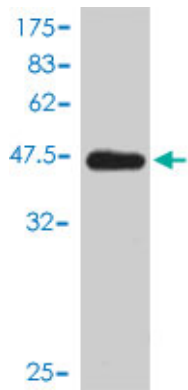
The protein encoded by this gene interacts with the Von Hippel-Lindau protein to form an intracellular complex. Because it functions as a chaperone protein, it is suspected that it may play a role in the transport of the Von Hippel-Lindau protein from the perinuclear granules to the nucleus or cytoplasm.

References

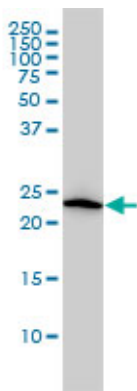
Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732.von Hippel Lindau binding protein 1-mediated degradation of integrase affects HIV-1 gene expression at a postintegration step. Mousnier A, et al. Proc Natl Acad Sci U S A, 2007 Aug 21. PMID

17698809.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 DNA sequence of the human X chromosome. Ross MT, et al. Nature, 2005 Mar 17. PMID 15772651.Molecular pathogenesis of Philadelphia chromosome negative myeloproliferative disorders. Kralovics R, et al. Blood Rev, 2005 Jan. PMID 15572213.

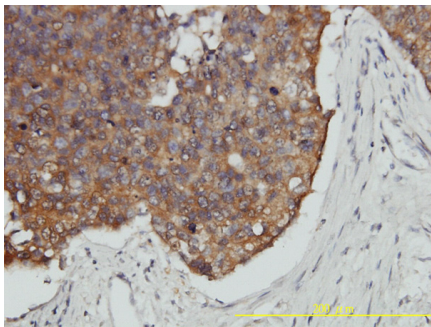
Images



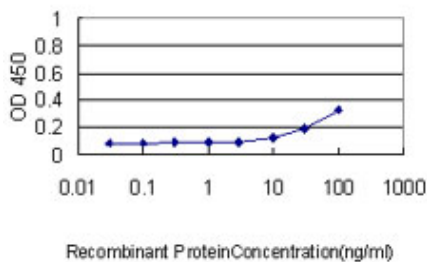
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (47.41 KDa) .



VBP1 monoclonal antibody (M01), clone 3D11 Western Blot analysis of VBP1 expression in HL-60 ((Cat # AT4504a)



Immunoperoxidase of monoclonal antibody to VBP1 on formalin-fixed paraffin-embedded human breast cancer tissue. [antibody concentration 5 ug/ml]



Detection limit for recombinant GST tagged VBP1 is approximately 1ng/ml as a capture antibody.

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