

# Product Datasheet

## SERBP1 Antibody (1D2-2E9) - Azide and BSA Free H00026135-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00026135-M01**

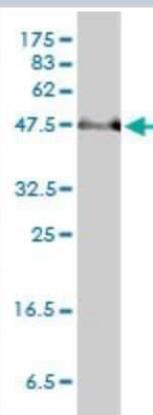
SERBP1 Antibody (1D2-2E9) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1D2-2E9
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	26135
Gene Symbol	SERBP1
Species	Human, Rat
Specificity/Sensitivity	SERBP1 - PAI-1 mRNA-binding protein
Immunogen	PAI-RBP1 (AAH02488, 1 a.a. ~ 402 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MPGHLQEGFGCVVTNRFDQLFDDESDPFEVLKAAENKKKEAGGGGVGGPGA KSAAQAAAQTNNAAGKQLRKESQKDRKNPLPPSVGVVDKKEETQPPVALKK EGIRRVGRRPDQQLQGEGKIIDRRPERRPPRERRFEKPLEEKGEGGFEFSVDRP IIDRPIRGRGGLGRGRGGRGRGMGRGDGFSRGKREFDRHSGSDRSGLKHE DKRGGSGSHNWGTVKDELTESPKYIQKQISYNYSDDLQSNVTEETPEGEEHH PVADTENKENEVEEVKEEGPKEMTLDEWKAIQNKDRAKVEFNIRKPNEGADG QWKKGFVLHKSSEEHAEDSVMDHHRKPNANDITSQLEINFGDLGRPGRGG RGGRGCGRGRPNRGRSRTDKSSASAPDVDDPEAFPALA
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:500
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence and ELISA.

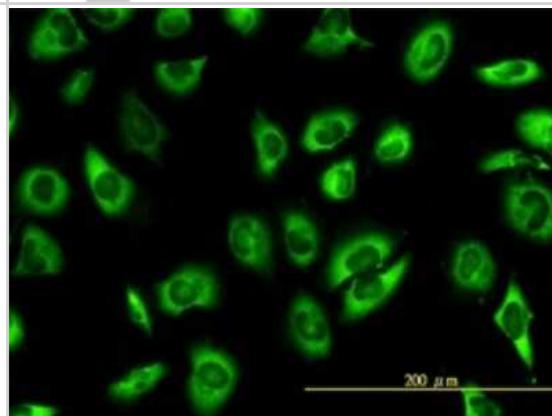


## Images

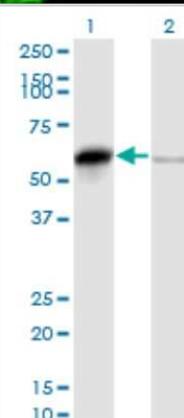
Western Blot: SERBP1 Antibody (1D2-2E9) [H00026135-M01] - PAI-RBP1 monoclonal antibody (M01), clone 1D2-2E9 Analysis of PAI-RBP1 expression in HeLa.



Immunocytochemistry/Immunofluorescence: SERBP1 Antibody (1D2-2E9) [H00026135-M01] - Analysis of monoclonal antibody to PAI-RBP1 on HeLa cell. Antibody concentration 10 ug/ml.



Western Blot: SERBP1 Antibody (1D2-2E9) [H00026135-M01] - Analysis of SERBP1 expression in transfected 293T cell line by PAI-RBP1 monoclonal antibody (M01), clone 1D2-2E9. Lane 1: SERBP1 transfected lysate (45 KDa). Lane 2: Non-transfected lysate.



## Publications

Christian B, Paola F, Laura B et al. Silencing of Ago-2 Interacting Protein SERBP1 Relieves KCC2 Repression by miR-92 in Neurons. *Cells*. 2022-03-20 [PMID: 35326503]

Kobayashi D, Kumagai J, Morikawa T et al. An integrated approach of differential mass spectrometry and gene ontology analysis identified novel proteins regulating neuronal differentiation and survival. *Mol Cell Proteomics*. 2009-06-13 [PMID: 19525549]

Lee YJ, Hsieh WY, Chen LY, Li C. Protein arginine methylation of SERBP1 by protein arginine methyltransferase 1 affects cytoplasmic/nuclear distribution. *J Cell Biochem*. 2012-03-22 [PMID: 22442049]

Lee YJ, Wei HM, Chen LY, Li C. Localization of SERBP1 in stress granules and nucleoli. *FEBS J*. 2013-09-19 [PMID: 24205981]

Subeta C, Czupalla C, Winter C et al. Rapid changes of mRNA binding protein levels following glucose IBMX stimulation of insulinoma INS-1 cells. *Mol Cell Proteomics* 8(3):393-408. 2009-03-01 [PMID: 18854578]

Marina O, Hainz U, Biernacki MA et al. Serologic markers of effective tumor immunity against chronic lymphocytic leukemia include nonmutated B-cell antigens. *Cancer Res* 70(4):1344-55. 2010-02-15 [PMID: 20124481]



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### **Products Related to H00026135-M01**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00026135-P01-10ug	Recombinant Human SERBP1 GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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