

# Product Datasheet

## PTBP1 Antibody (3H8) - Azide and BSA Free H00005725-M01

Unit Size: 0.1 mg

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

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**H00005725-M01**

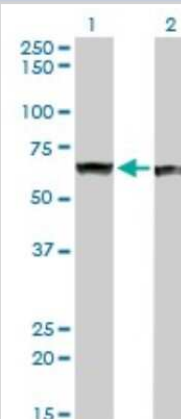
PTBP1 Antibody (3H8) - Azide and BSA Free

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	3H8
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	PBS (pH 7.4)
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	5725
Gene Symbol	PTBP1
Species	Human
Specificity/Sensitivity	PTBP1 - polypyrimidine tract binding protein 1
Immunogen	PTBP1 (NP_002810, 45 a.a. ~ 144 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. KKFKGDSRSAGVPSRVIHIRKLPIDVTEGEVISLGLPFGKVTNLLMLKGKNQAFI EMNTEEAANTMVNYYTSVTPVLRGQPIYIQFSNHKELKTDSSPNQ
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Single Cell Western
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Single Cell Western 1:10
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA. SCW is validated using U373 cells.

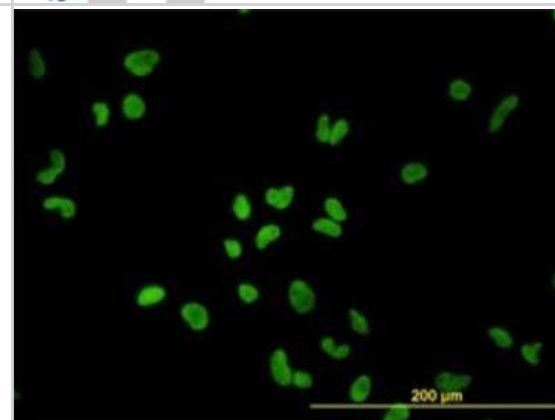


## Images

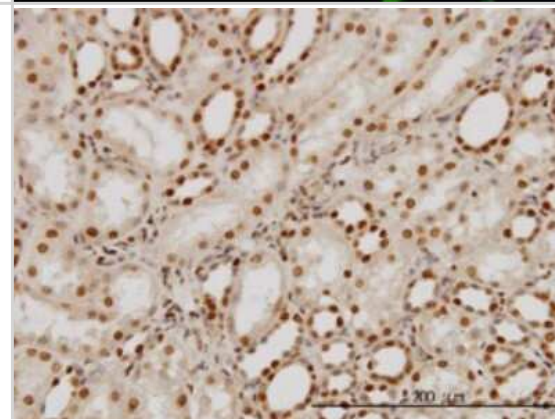
Western Blot: PTBP1 Antibody (3H8) [H00005725-M01] - Analysis of PTBP1 expression in transfected 293T cell line by PTBP1 monoclonal antibody (M01), clone 3H8. Lane 1: PTBP1 transfected lysate(59.6 KDa). Lane 2: Non-transfected lysate.



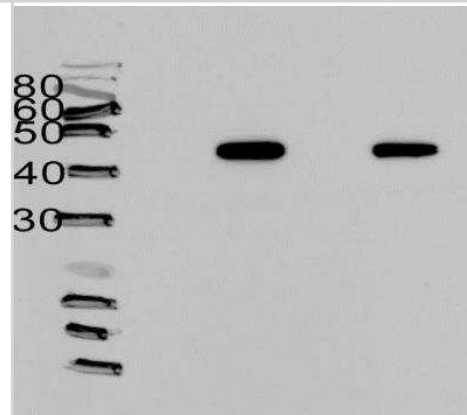
Immunocytochemistry/Immunofluorescence: PTBP1 Antibody (3H8) [H00005725-M01] - Analysis of monoclonal antibody to PTBP1 on HeLa cell. Antibody concentration 10 ug/ml.



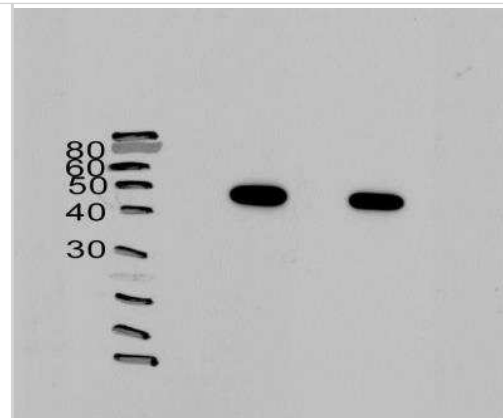
Immunohistochemistry-Paraffin: PTBP1 Antibody (3H8) [H00005725-M01] - Analysis of monoclonal antibody to PTBP1 on formalin-fixed paraffin-embedded human kidney. Antibody concentration 3 ug/ml.



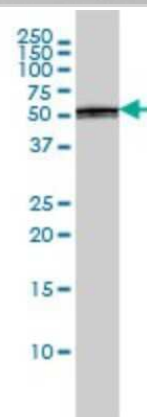
Western Blot: PTBP1 Antibody (3H8) [H00005725-M01] - 2 minute exposure for Mouse embryonic stem cell - V6.5 with a dilution of 1:500 - Courtesy of Paul Fields at MIT



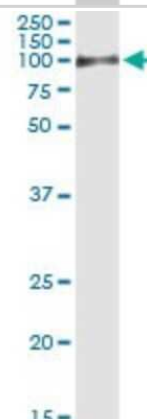
Western Blot: PTBP1 Antibody (3H8) [H00005725-M01] - 5 minute exposure for Mouse embryonic stem cell - V6.5 with a dilution of 1:500 - Courtesy of Paul Fields at MIT



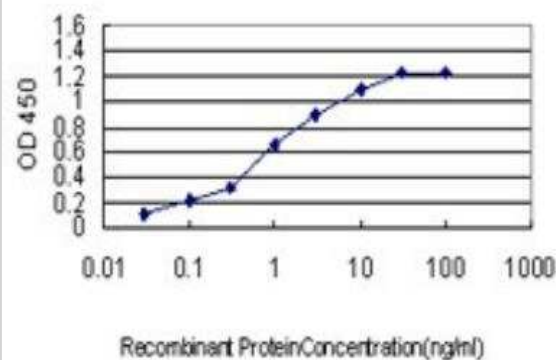
Western Blot: PTBP1 Antibody (3H8) [H00005725-M01] - PTBP1 monoclonal antibody (M01), clone 3H8 Analysis of PTBP1 expression in A-431.



Immunoprecipitation: PTBP1 Antibody (3H8) [H00005725-M01] - Analysis of PTBP1 transfected lysate using anti-PTBP1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PTBP1 MaxPab rabbit polyclonal antibody.



ELISA: PTBP1 Antibody (3H8) [H00005725-M01] - Detection limit for recombinant GST tagged PTBP1 is approximately 0.1ng/ml as a capture antibody.



## Publications

Yamauchi KA, Herr AE. Subcellular western blotting of single cells Microsyst Nanoeng 2018-01-16 [PMID: 29333327]

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01

Rajendran D, Zhang Y, Berry DM, McGlade CJ. Regulation of Numb isoform expression by activated ERK signaling. Oncogene. 2016-04-04 [PMID: 27041567] (WB, Human)

Takahashi H, Nishimura J, Kagawa Y et al. Significance of Polypyrimidine Tract-Binding Protein 1 Expression in Colorectal Cancer. Mol Cancer Ther 2015-07-01 [PMID: 25904505]





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### **Products Related to H00005725-M01**

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)
H00005725-P02-10ug	Recombinant Human PTBP1 GST (N-Term) Protein

### **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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