

# Product Datasheet

## **RPB8 Antibody (3G6-1A4) - Azide and BSA Free H00005437-M01**

Unit Size: 0.1 mg

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

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**H00005437-M01**

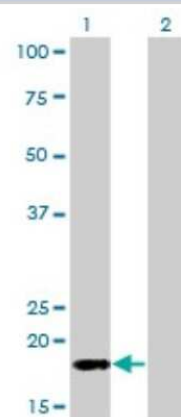
RPB8 Antibody (3G6-1A4) - Azide and BSA Free

| 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                       | 3G6-1A4                                                                                                                                                                                                                                                                                |
| Preservative                | No Preservative                                                                                                                                                                                                                                                                        |
| Isotype                     | IgG1 Kappa                                                                                                                                                                                                                                                                             |
| Purity                      | IgG purified                                                                                                                                                                                                                                                                           |
| Buffer                      | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                      |
| Product Description         |                                                                                                                                                                                                                                                                                        |
| Description                 | Quality control test: Antibody Reactive Against Recombinant Protein.                                                                                                                                                                                                                   |
| Host                        | Mouse                                                                                                                                                                                                                                                                                  |
| Gene ID                     | 5437                                                                                                                                                                                                                                                                                   |
| Gene Symbol                 | POLR2H                                                                                                                                                                                                                                                                                 |
| Species                     | Human                                                                                                                                                                                                                                                                                  |
| Specificity/Sensitivity     | POLR2H - polymerase (RNA) II (DNA directed) polypeptide H                                                                                                                                                                                                                              |
| Immunogen                   | POLR2H (AAH00739, 1 a.a. ~ 150 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>MAGILFEDIFDVKDIDPEGKKFDRVSRLHCESESFKMDLILDVNIQIYPVDLGDKF<br>RLVIASTLYEDGTLDDGEYNPTDDRPSRADQFEYVMYGKVYRIEGDETSTEAA<br>TRLSAYVSYGGLLMRLQGDANNLHGFEVDSRVYLLMKKLAF |
| Notes                       | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                                     |
| Product Application Details |                                                                                                                                                                                                                                                                                        |
| Applications                | Western Blot, ELISA, Sandwich ELISA                                                                                                                                                                                                                                                    |
| Recommended Dilutions       | Western Blot 1:500, ELISA, Sandwich ELISA                                                                                                                                                                                                                                              |
| Application Notes           | Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.                                                                                                                                                                               |

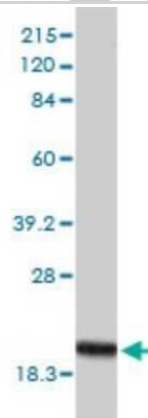


## Images

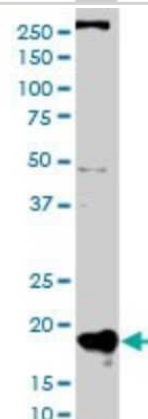
Western Blot: RPB8 Antibody (3G6-1A4) [H00005437-M01] - Analysis of POLR2H expression in transfected 293T cell line by POLR2H monoclonal antibody (M01), clone 3G6-1A4. Lane 1: POLR2H transfected lysate(17.1 KDa).Lane 2: Non-transfected lysate.



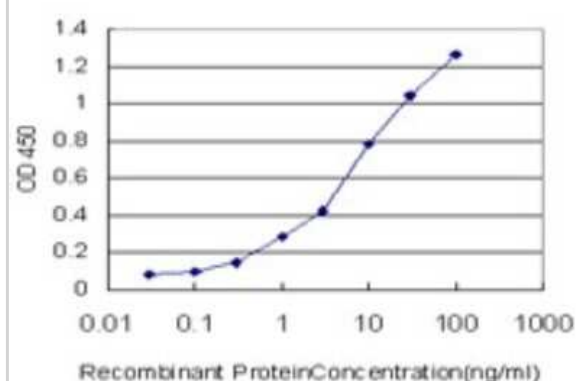
Western Blot: RPB8 Antibody (3G6-1A4) [H00005437-M01] - POLR2H monoclonal antibody (M01), clone 3G6-1A4 Analysis of POLR2H expression in Hela.



Western Blot: RPB8 Antibody (3G6-1A4) [H00005437-M01] - POLR2H monoclonal antibody (M01), clone 3G6-1A4. Analysis of POLR2H expression in HepG2.



Sandwich ELISA: RPB8 Antibody (3G6-1A4) [H00005437-M01] - Detection limit for recombinant GST tagged POLR2H is approximately 0.3ng/ml as a capture antibody.



## Publications

Daniels DL, Mendez J, Mosley AL et al. Examining the Complexity of Human RNA Polymerase Complexes using HaloTag Technology Coupled to Label Free Quantitative Proteomics. J Proteome Res. 2012-01-03 [PMID: 22149079]

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**Products Related to H00005437-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)           |
| NBP2-23345       | Recombinant Human RPB8 His 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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