

# Product Datasheet

## VAX1 Antibody (2F4) - Azide and BSA Free H00011023-M03

Unit Size: 0.1 mg

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

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Updated 2/21/2025 v.20.1

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**H00011023-M03**

VAX1 Antibody (2F4) - Azide and BSA Free

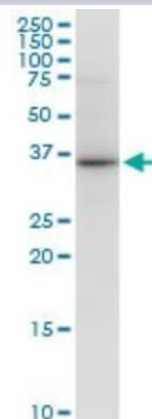
| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 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               | 2F4                                                                                                              |
| Preservative        | No Preservative                                                                                                  |
| Isotype             | IgG2a Kappa                                                                                                      |
| Purity              | Protein A purified                                                                                               |
| Buffer              | In 1x PBS, pH 7.4                                                                                                |

| Product Description     |                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                          |
| Gene ID                 | 11023                                                                                                                                                                                                                          |
| Gene Symbol             | VAX1                                                                                                                                                                                                                           |
| Species                 | Human, Mouse, Rat                                                                                                                                                                                                              |
| Specificity/Sensitivity | Reacts with ventral anterior homeobox 1.                                                                                                                                                                                       |
| Immunogen               | VAX1 (NP_954582.1, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>MFGKPKDKMDVRCHSDAEAAARVSKNAHKESRESKGAEGNLPA AFLKEPQGAFS<br>ASGAAEDCNKSKSNSAADPDYCRRLVRDAKGSIREILPKGLDLDRP |
| Notes                   | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                             |

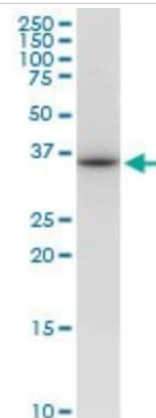
| Product Application Details |                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, ELISA, Sandwich ELISA                                                             |
| Recommended Dilutions       | Western Blot, ELISA, Sandwich ELISA                                                             |
| Application Notes           | This antibody is reactive against cell lysate in western blot and recombinant protein in ELISA. |

**Images**

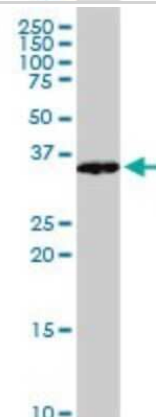
Western Blot: VAX1 Antibody (2F4) [H00011023-M03] - Analysis of VAX1 expression in Raw 264.7 (Cat # L024V1).



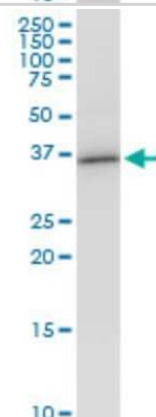
Western Blot: VAX1 Antibody (2F4) [H00011023-M03] - Analysis of VAX1 expression in PC-12 (Cat # L012V1).



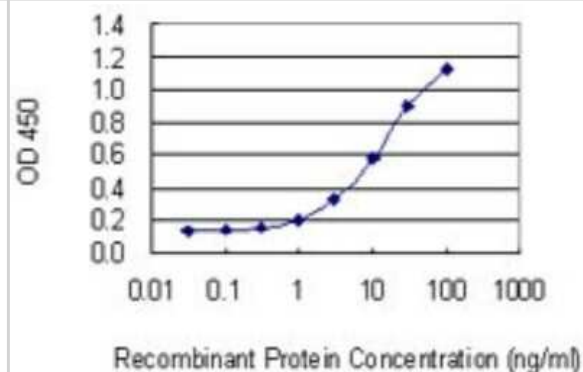
Western Blot: VAX1 Antibody (2F4) [H00011023-M03] - Analysis of VAX1 expression in HepG2 (Cat # L019V1).



Western Blot: VAX1 Antibody (2F4) [H00011023-M03] - Analysis of VAX1 expression in NIH/3T3 (Cat # L018V1).



Sandwich ELISA: VAX1 Antibody (2F4) [H00011023-M03] - Detection limit for recombinant GST tagged VAX1 is 0.3 ng/ml as a capture antibody.





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### **Products Related to H00011023-M03**

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|                  |                                                         |
|------------------|---------------------------------------------------------|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96981-0.5mg | Mouse IgG2a Kappa Isotype Control (M2AK)                |
| 314-BP-010       | BMP-4 [Unconjugated]                                    |

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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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