

# Product Datasheet

## Wnt-1 Antibody (13F9) - BSA Free NBP1-42739

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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**NBP1-42739**

Wnt-1 Antibody (13F9) - BSA Free

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 0.1 mg  |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.   |
| Storage                     | Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.  |
| Clonality                   | Monoclonal  |
| Clone                       | 13F9  |
| Preservative                | 0.01% Sodium Azide  |
| Isotype                     | IgG1 Kappa  |
| Purity                      | Protein A purified  |
| Buffer                      | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2  |
| Product Description         |   |
| Description                 | <p>This antibody purified from tissue culture supernatant by Protein-A chromatography followed by extensive dialysis against the buffer stated above</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> |
| Host                        | Mouse   |
| Gene ID                     | 7471  |
| Gene Symbol                 | WNT1  |
| Species                     | Human, Mouse  |
| Reactivity Notes            | A BLAST analysis was used to suggest cross-reactivity with Wnt-1 from mouse, human, rat, bovine, dog, macaque, opossum and rat based on a 100% homology with the immunizing sequence. Partial cross-reactivity is expected against chicken Wnt-1 based on a 91% sequence homology. Cross-reactivity with Wnt-1 from other sources has not been determined.  |
| Immunogen                   | Synthetic peptide corresponding to an internal region of human Wnt-1 protein. (Uniprot: P04628)   |
| Product Application Details |   |
| Applications                | Western Blot, ELISA   |
| Recommended Dilutions       | Western Blot 1:175-1:250, ELISA 1:4000-1:20000  |
| Application Notes           | This protein-A purified antibody has been tested for use western blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 41 kDa in size corresponding to Wnt1 by western blotting in the appropriate cell lysate or extract.  |



## Images

Western Blot: Wnt-1 Antibody (13F9) [NBP1-42739] - Analysis of Wnt1 protein in mouse testis lysate. The results show specific binding corresponding to the 41 kDa Wnt1 protein. Primary antibody was used at a 1:500 dilution.



Western blot using Protein A purified anti-Wnt1 monoclonal antibody shows detection of Wnt1 protein in mouse testis lysate. The results show specific binding corresponding to the ~41 kDa Wnt1 protein. Primary antibody was used at a 1:500 dilution. Personal communication, Stephen Brown, Brown University





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### **Products Related to NBP1-42739**

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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)           |
| 5036-WN-010      | Wnt-3a [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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