

# Product Datasheet

## SHANK3 Antibody (S367-51) [Biotin] NBP2-42189B

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-42189B**

SHANK3 Antibody (S367-51) [Biotin]

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 0.1 ml  |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.   |
| Storage                     | Store at 4C in the dark.  |
| Clonality                   | Monoclonal  |
| Clone                       | S367-51   |
| Preservative                | 0.05% Sodium Azide  |
| Isotype                     | IgG2a   |
| Conjugate                   | Biotin  |
| Purity                      | Protein G purified  |
| Buffer                      | PBS   |
| Product Description         |   |
| Host                        | Mouse   |
| Gene ID                     | 85358   |
| Gene Symbol                 | SHANK3  |
| Species                     | Human, Mouse, Rat   |
| Reactivity Notes            | Immunogen displays sequence identity for non-tested species: Human and Mouse.   |
| Specificity/Sensitivity     | Approx 70% identity with SHANK1 and SHANK2. Detects approx 190kDa. Cross-reacts with SHANK1. Does not cross-react with SHANK2.  |
| Immunogen                   | Fusion protein amino acids 538-626 (SH3 domain) of rat SHANK3. Mouse: 100% identity (89/89 amino acids identical). Human: 97% identity (87/89 amino acids identical). ~70% identity with SHANK1 and SHANK2. |
| Product Application Details |   |
| Applications                | Immunocytochemistry/ Immunofluorescence, Immunohistochemistry   |
| Recommended Dilutions       | Immunohistochemistry, Immunocytochemistry/ Immunofluorescence   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.  |





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### **Products Related to NBP2-42189B**

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|           |  |
|-----------|--|
| IC003B    | Mouse IgG2a Isotype Control (20102) [Biotin] |
| NB300-556 | PSD-95 Antibody (6G6-1C9) - BSA Free         |
| NB300-118 | NMDAR1 Antibody (R1JHL) - Azide and BSA Free |
| AF2685    | Src [p Tyr419] Antibody [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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