

# Product Datasheet

## SHANK3 Antibody (S367-51) [DyLight 350] NBP2-42189UV

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-42189UV**

SHANK3 Antibody (S367-51) [DyLight 350]

| 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                   | DyLight 350                                                                                                                                                                                                 |
| Purity                      | Protein G purified                                                                                                                                                                                          |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                          |
| 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 NBP2-42189UV**

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|           |                                              |
|-----------|----------------------------------------------|
| 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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