

# Product Datasheet

## PCDHGA3 Antibody (S144-32) - Pan Specific NBP2-42184

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-42184**

PCDHGA3 Antibody (S144-32) - Pan Specific

| Product Information         |                                                                                                                                                                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 mg                                                                                                                                                                                                                                |
| Concentration               | 1 mg/ml                                                                                                                                                                                                                               |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                                                                                                                                                |
| Clonality                   | Monoclonal                                                                                                                                                                                                                            |
| Clone                       | S144-32                                                                                                                                                                                                                               |
| Preservative                | 0.1% Sodium Azide                                                                                                                                                                                                                     |
| Isotype                     | IgG2b                                                                                                                                                                                                                                 |
| Purity                      | Protein G purified                                                                                                                                                                                                                    |
| Buffer                      | PBS (pH 7.4) and 50% Glycerol                                                                                                                                                                                                         |
| Product Description         |                                                                                                                                                                                                                                       |
| Host                        | Mouse                                                                                                                                                                                                                                 |
| Gene ID                     | 56112                                                                                                                                                                                                                                 |
| Gene Symbol                 | PCDHGA3                                                                                                                                                                                                                               |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                                     |
| Reactivity Notes            | Based on homology, It's predicted to detect Human and Rat.                                                                                                                                                                            |
| Specificity/Sensitivity     | Geater then 75% identity with other Gamma-protocadherin-A proteinsDetects approx 100kDa. Cross-reacts with other Gamma protocadherin-A proteins. No cross-reactivity against Gamma protocadherin-B or -C proteins.                    |
| Immunogen                   | Fusion protein amino acids 720-804 (variable cytoplasmic domain) of mouse Gamma-protocadherin-A3. Human: 80% identity (68/84 amino acids identical) >75% identity with other Gamma-protocadherin-A proteins                           |
| Product Application Details |                                                                                                                                                                                                                                       |
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence                                                                                                                                                                                 |
| Recommended Dilutions       | Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence                                                                                                                                                                          |
| Application Notes           | 1 ug/ml of Protocadherin Gamma A (pan) Antibody was sufficient for detection of Protocadherin Gamma A (pan) in 20 ug of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary Antibody. |





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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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