

# Datasheet for ABIN634887

## anti-Plexin A2 antibody (N-Term)



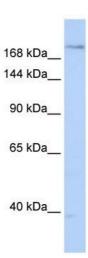


#### Overview

| Overview             |   |
|----------------------|---|
| Quantity:            | 100 μL  |
| Target:              | Plexin A2 (Plxna2)  |
| Binding Specificity: | N-Term  |
| Reactivity:          | Human, Mouse  |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This Plexin A2 antibody is un-conjugated  |
| Application:         | Western Blotting (WB)   |
| Product Details      |   |
| Immunogen:           | Plexin A2 antibody was raised using the N terminal of PLXNA2 corresponding to a region with |
|                      | amino acids SVASYVYNGYSVVFVGTKSGKLKKIRADGPPHGGVQYEMVSVLKDGSPIL                              |
| Specificity:         | Plexin A2 antibody was raised against the N terminal of PLXNA2                              |
| Purification:        | Affinity purified   |
| Target Details       |   |
| Target:              | Plexin A2 (Plxna2)  |
| Alternative Name:    | Plexin A2 (Plxna2 Products)   |
| Background:          | PLXNA2 is a member of the plexin-A family of semaphorin co-receptors. Semaphorins are a     |
|                      | large family of secreted or membrane-bound proteins that mediate repulsive effects on axon  |
|                      | pathfinding during nervous system development. A subset of semaphorins are recognised by    |

### Target Details

| rargerbetane        |  |
|---------------------|--|
|                     | plexin-A/neuropilin transmembrane receptor complexes, triggering a cellular signal transduction cascade that leads to axon repulsion.                          |
| Molecular Weight:   | 211 kDa (MW of target protein)   |
| Application Details |  |
| Application Notes:  | WB: 1 µg/mL Optimal conditions should be determined by the investigator.   |
| Comment:            | Plexin A2 Blocking Peptide, catalog no. 33R-8901, is also available for use as a blocking control in assays to test for specificity of this Plexin A2 antibody |
| Restrictions:       | For Research Use only  |
| Handling            |  |
| Format:             | Lyophilized  |
| Reconstitution:     | Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PLXNA2 antibody in PBS  |
| Concentration:      | Lot specific   |
| Buffer:             | PBS  |
| Handling Advice:    | Avoid repeated freeze/thaw cycles.  Dilute only prior to immediate use.  |
| Storage:            | 4 °C/-20 °C  |
| Storage Comment:    | Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.   |



#### **Western Blotting**

**Image 1.** Plexin A2 antibody used at 1 ug/ml to detect target protein.