



# Plexin A1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP58050

## **Specification**

# Plexin A1 Polyclonal Antibody - Product Information

Application IHC-P, IHC-F, IF

Primary Accession <a href="Q9UIW2">Q9UIW2</a>

Reactivity Rat, Pig, Dog

Host Rabbit
Clonality Polyclonal
Calculated MW 211067

Plexin A1 Polyclonal Antibody - Additional Information

Gene ID 5361

#### **Other Names**

Plexin-A1, Semaphorin receptor NOV, PLXNA1, NOV, PLXN1

### **Format**

0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce

#### **Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

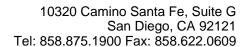
Plexin A1 Polyclonal Antibody - Protein Information

Name PLXNA1

Synonyms NOV, PLXN1

## Function

Coreceptor for SEMA3A, SEMA3C, SEMA3F and SEMA6D. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, invasive growth and cell migration. Class 3 semaphorins bind to a complex composed of a neuropilin and a plexin. The plexin modulates the affinity of





the complex for specific semaphorins, and its cytoplasmic domain is required for the activation of down-stream signaling events in the cytoplasm (By similarity).

## **Cellular Location**

Cell membrane; Single-pass type I membrane protein

## **Tissue Location**

Detected in fetal brain, lung, liver and kidney.

## Plexin A1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture