

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	Q9UIW2
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](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)