

Product Name: Plexin A1 (3J3) Rabbit Monoclonal Antibody
Catalog #: AMRe16268



Summary

Production Name	Plexin A1 (3J3) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	PLXNA1
Alternative Names	NOV; NOV; Plexin-A1; Plexin1; PlexinA1; PLXN1; Plxna1;
Gene ID	5361.0
SwissProt ID	Q9UIW2.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	211kDa

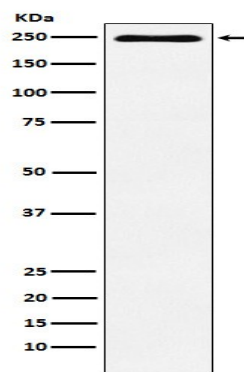
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Background

Plays a role in axon guidance, invasive growth and cell migration. 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).

Research Area

Image Data



Western blot analysis of Plexin A1 expression in HUVEC cell lysate.

Note

For research use only.