

Anti-Plexin A1 (Sema Domain) Antibody

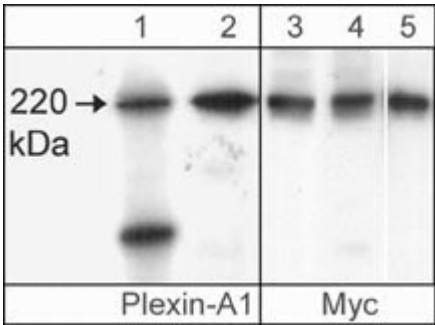


Product Details

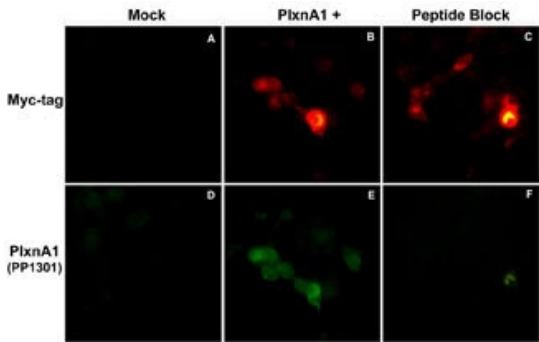
Available Variants	100 µL (SKU:PP1301)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	PLXNA1
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, IHC, IP, WB
Dilution Ranges	WB: 1:1000 IHC: 1:100 ICC: 1:100 IP: 1:50
Species Reactivity	Human, Mouse, Rat
Immunogen	Plexin-A1 synthetic peptide (coupled to carrier protein) corresponding to a region within the N-terminal half of the semaphorin domain in human Plexin-A1. This sequence is highly conserved in rat and mouse Plexin-A1, and has low homology to other Plexin family members.
Specificity	The antibody detects a 220 kDa* protein corresponding to the apparent molecular mass of Plexin-A1 on SDS-PAGE immunoblots of neonatal rat brain and Cos-7 cells transfected with mouse Plexin-A1. In immunocytochemistry, this antibody co-localizes with anti-Myc in Cos-7 cells transfected with Myc-tagged mouse Plexin-A1.
Molecular Weight	220
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	Q9UIW2
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

Product Images



Western blots showing Cos-7 cells transfected with mouse Myc-tagged Plexin-A1 (lanes 1 & 3), neonatal rat brain (lane 2), or Plexin-A1 immunoprecipitated from Myc-tagged Plexin-A1 transfected cells using anti-Myc (lane 4) or anti-Plexin-A1 (PP1301; lane 5). These blots were probed with either the affinity purified anti-Plexin-A1 (PP1301; lanes 1 & 2) or with mouse monoclonal anti-Myc (lanes 3-5).



Immunocytochemical double labeling using anti-Myc mouse monoclonal and anti-Plexin-A1 rabbit polyclonal (PP1301) antibodies in Cos-7 cells mock transfected (A,D) or transfected with Myc-tagged mouse Plexin-A1 construct (B,E). The specificity of the binding in E was demonstrated by using Plexin-A1 peptide (PX1305) in the presence of this anti-Plexin-A1 antibody (C,F).

Product Page URL: www.antibodiesinc.com/products/anti-plexin-a1-sema-domain-antibody-pp1301

