

Anti-Plexin A1 (Sema Domain) Antibody



Product Details

Available Variants	100 µL (SKU:PP1471)
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, WB
Dilution Ranges	WB: 1:500 ICC: 1:50
Species Reactivity	Human, Mouse, Rat
Immunogen	Plexin-A1 synthetic peptide (coupled to carrier protein) corresponding to a region within 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 adult mouse 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](#)

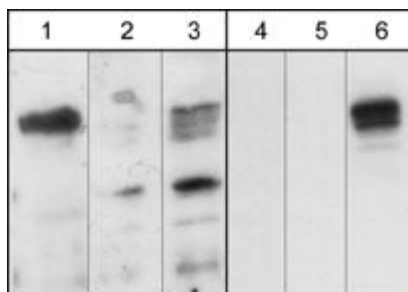
Country of Origin United States

Shipping Blue Ice

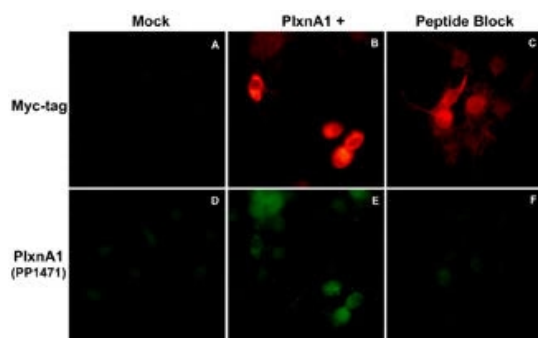
Expiration After date of receipt, stable for at least 1 year at -20°C.

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 mouse brain (lanes 1 & 4), and Cos-7 cells untransfected (lanes 2 & 5) or transfected with mouse myc-tagged Plexin-A1 (lanes 3 & 6). The blots were probed with either affinity purified anti-Plexin-A1 (PP1471); lanes 1-3) or with mouse monoclonal anti-Myc (lanes 4-6).



Immunocytochemical double labeling using anti-Myc mouse monoclonal and anti-Plexin-A1 rabbit polyclonal (PP1471) 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 (PX1475) in the presence of this anti-Plexin-A1 antibody (C,F).

Product Page URL: www.antibodiesinc.com/products/anti-plexin-a1-sema-domain-antibody-pp1471

