

Product Datasheet

Ephrin-B1 [p Tyr317] Antibody - Azide Free NB300-275

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 1

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NB300-275

Ephrin-B1 [p Tyr317] Antibody - Azide Free

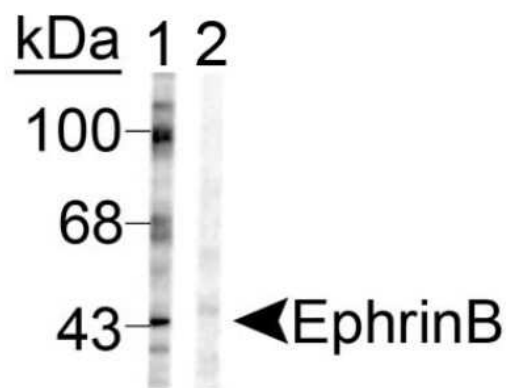
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	46 kDa

Product Description	
Description	Novus Biologicals Rabbit Ephrin-B1 [p Tyr317] Antibody - Azide Free (NB300-275) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-Ephrin-B1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1947
Gene Symbol	EFNB1
Species	Mouse, Rat
Reactivity Notes	Tested in Rat. Mouse reactivity reported in scientific literature (PMID: 21539827).
Specificity/Sensitivity	Specific for endogenous levels of the ~46 kDa Ephrin-B1 protein phosphorylated at Tyr317. Immunolabeling is completely eliminated by treatment with lambda-phosphatase.
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ephrin-B1 conjugated to KLH. Accession # P28693

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:10-1:2000
Application Notes	This antibody has been tested in Western blot on rat lysate, detecting a band ~46 kDa. Immunofluorescence (PMID: 21530605)

Images

Western Blot: Ephrin-B1 [p Tyr317] Antibody [NB300-275] - Rat testes lysate showing specific immunolabeling of the ~46k EphrinB phosphorylated at Tyr317 (control, lane 1). The phosphospecificity of this labeling is shown in lane 2 (lambda-phosphatase). The blot is identical to the control except that it was incubated in lambda-phosphatase (1200 units for 30 min) before being exposed to the Anti-Tyr317 EphrinB. The immunolabeling of the EphrinB is completely eliminated by treatment with lambda-phosphatase.



Publications

Dravis C, Henkemeyer M. Ephrin-B reverse signaling controls septation events at the embryonic midline through separate tyrosine phosphorylation-independent signaling avenues Dev Biol 2011-07-01 [PMID: 21539827] (WB, ICC/IF, Mouse)





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Products Related to NB300-275

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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