

Anti-EphrinB (Tyr317) Antibody

Our Anti-EphrinB (Tyr317) rabbit polyclonal phosphospecific primary antibody from PhosphoSolutions i Catalog # AN1376

Specification

Anti-EphrinB (Tyr317) Antibody - Product Information

Primary Accession
Host
Clonality
Polyclonal
Isotype
Calculated MW
P28693
Rabbit
Polyclonal
IgG
Calculated MW
111963

Anti-EphrinB (Tyr317) Antibody - Additional Information

Gene ID 396513

Other Names

CEK5 ligand antibody, EFNB1 antibody, ELK L antibody, ELK ligand antibody, ELKL antibody, EPH related receptor tyrosine kinase ligand 2 antibody, Ephrin B1 antibody, Ephrin B2 antibody, LERK2 antibody

Target/Specificity

EphrinB proteins are thought to play key roles in cellular functions as diverse as neuronal migration and blood vessel development (Flanagan and Vanderhaeghen, 1998; Dufour et al., 2003; Oike et al., 2002). EphrinB molecules expressed at the membrane surface bind to the EphB family receptors on target cells during cell-to cell contact. This interaction leads to cell signaling in the target cell but also generates a reverse signal in the cell expressing EphrinB on its surface. This reverse signaling event is thought to be critical for vessel maturation and neuronal development. Importantly, tyrosine phosphorylation of EphrinB is thought to be a critical component of this reverse signaling event (Palmer et al., 2002). Recent work suggests that phosphorylation of a specific EphrinB residue (Tyr-298) plays a key role in EphrinB signaling (Kalo, et al., 2001).

Format

Antigen Affinity Purified from Pooled Serum

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Anti-EphrinB (Tyr317) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping

Blue Ice

Anti-EphrinB (Tyr317) Antibody - Protocols

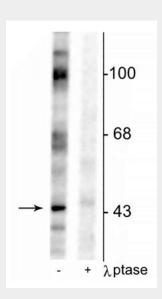




Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-EphrinB (Tyr317) Antibody - Images



Western blot of rat testes lysate showing specific immunolabeling of the \sim 46 kDa EphrinB phosphorylated at Tyr317 in the first lane (-). Phosphospecificity is shown in the second lane (+) where immunolabeling is completely eliminated by blot treatment with lambda phosphatase (λ -Ptase, 1200 units for 30 min).

Anti-EphrinB (Tyr317) Antibody - Background

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