

Polyclonal Antibody to Ephrin-B1/2 pTyr330 - Aff - Purified

Alternate names:	EFL-3, EFL3, EFNB1, EFNB2, ELK ligand, ELK-L, EPH-related receptor tyrosine kinase ligand 2, EPH-related receptor tyrosine kinase ligand 5, EPLG2, EPLG5, Ephrin-B1, Ephrin-B2, HTK ligand, HTK-L, LERK-2, LERK-5, LERK2
Catalog No.:	AP01580PU-N
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	Ephrins, which act as ligands for Eph receptors, are cell-surface proteins which fall into two categories, ephrin-A and ephrin-B based on their structure and function. Ephrin-B proteins are transmembrane and have conserved cytoplasmic tyrosine residues that are phosphorylated upon interaction with an EphB receptor. Eph receptors and ephrins exhibit complementary expression in many tissues during embryogenesis indicating that bidirectional activation of Eph receptors and ephrin-B proteins may occur at expression domain interfaces. Ephrin-B1 transduces outside-in signals through C-terminal protein interactions that effect integrin-mediated cell attachment and migration. The distribution of ephrin-B1 in the developing retina suggests that it influences retinal axon mapping along the dorsal-ventral axis and may be involved in intratectal development.
Host:	Rabbit
Format:	State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE). Purification: Affinity Chromatography using epitope-specific immunogen. Buffer System: Phosphate buffered saline (PBS), pH~7.2 containing 0.05% Sodium Azide as preservative.
Applications:	Western Blot: 1/500-1/1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	~ 42 kDa
Specificity:	This antibody detects endogenous levels of Ephrin-B pTyr330 protein. Species: Human, Mouse and Rat. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: One year from despatch.

Pictures:

Western blot (WB) analyzes of p-Ephrin-B1/2 (pTyr330) antibody Cat.-No.: AP01580PU-N in extracts from 293 cells treated with TNF- α .

