ELK Biotechnology

Ephrin-B1 (phospho Tyr317) rabbit pAb

Cat No.:ES5045

For research use only

Overview

Product Name	Ephrin-B1 (phospho Tyr317) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human EFNB1 around the phosphorylation site of Tyr317. AA range:283-332
Specificity	Phospho-Ephrin-B1 (Y317) Polyclonal Antibody detects endogenous levels of Ephrin-B1 protein only when phosphorylated at Y317.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Ephrin-B1
Gene Name	EFNB1
Cellular localization	Cell membrane ; Single-pass type I membrane protein . Membrane raft . May recruit GRIP1 and GRIP2 to membrane raft domains. .; [Ephrin-B1 C-terminal fragment]: Cell membrane ; Single-pass type I membrane protein .; [Ephrin-B1 intracellular domain]: Nucleu
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	30kD
Human Gene ID	1947
Human Swiss-Prot Number	P98172
Alternative Names	EFNB1; EFL3; EPLG2; LERK2; Ephrin-B1; EFL-3; ELK ligand; ELK-L; EPH-related receptor tyrosine kinase

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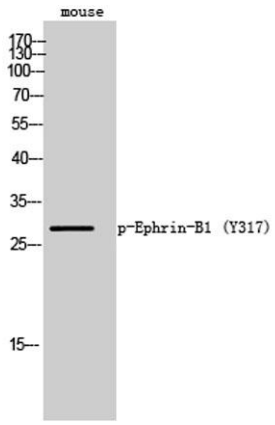
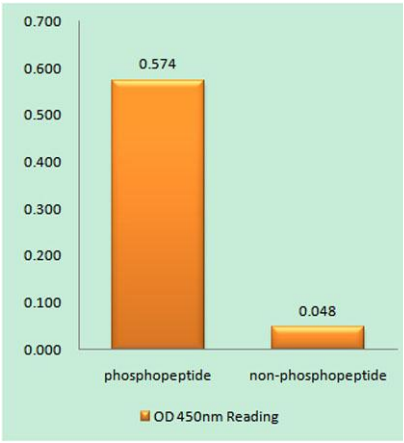
Background

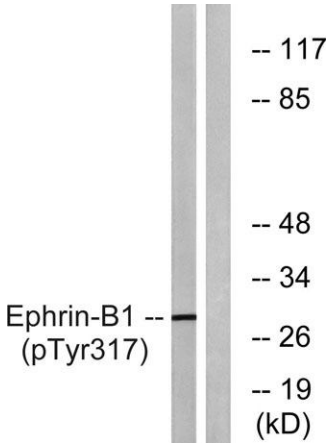
ligand 2; LERK-2
The protein encoded by this gene is a type I membrane protein and a ligand of Eph-related receptor tyrosine kinases. It may play a role in cell adhesion and function in the development or maintenance of the nervous system. [provided by RefSeq, Jul 2008],



Western Blot analysis of mouse cells using Phospho-Ephrin-B1 (Y317) Polyclonal Antibody



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using EFNB1 (Phospho-Tyr317) Antibody



Western blot analysis of lysates from mouse brain, using EFNB1 (Phospho-Tyr317) Antibody. The lane on the right is blocked with the phospho peptide.

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