Product Name: Ephrin-B1/2 (phospho Tyr330) Rabbit Polyclonal Antibody
Catalog #: APRab04619

Summary

Production Name	Ephrin-B1/2 (phospho Tyr330) Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	ELISA,WB,
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Phospho Antibody
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	EFNB1/EFNB2
Alternative Names	EFNB1; EFL3; EPLG2; LERK2; Ephrin-B1; EFL-3; ELK ligand; ELK-L; EPH-related receptor tyrosine kinase ligand 2; LERK-2; EFNB2; EPLG5; HTKL; LERK5; Ephrin-B2; EPH-related receptor tyrosine kinase ligand 5; LERK-5; HTK ligand; HTK-L
Gene ID	1947/1948
SwissProt ID	P98172/P52799.The antiserum was produced against synthesized peptide derived from human EFNB1/2 around the phosphorylation site of Tyr330. AA range:284-333

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
Molecular Weight	59kD

Product Name: Ephrin-B1/2 (phospho Tyr330) Rabbit Polyclonal Antibody
Catalog #: APRab04619

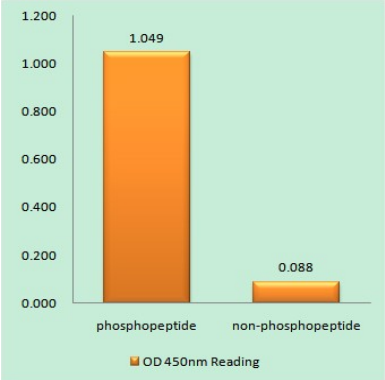
Background

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],disease:Defects in EFNB1 are a cause of craniofrontonasal syndrome (CFNS) [MIM:304110]; also known as craniofrontonasal dysplasia (CFND). CFNS is an X-linked inherited syndrome characterized by hypertelorism, coronal synostosis with brachycephaly, downslanting palpebral fissures, clefting of the nasal tip, joint anomalies, longitudinally grooved fingernails and other digital anomalies.,function:Binds to the receptor tyrosine kinases EPHB1 and EPHA1. Binds to, and induce the collapse of, commissural axons/growth cones in vitro. May play a role in constraining the orientation of longitudinally projecting axons.,induction:By TNF-alpha.,PTM:Inducible phosphorylation of tyrosine residues in the cytoplasmic domain.,similarity:Belongs to the ephrin family.,subunit:Interacts with GRIP1 and GRIP2.,tissue specificity:Heart, placenta, lung, liver, skeletal muscle, kidney, pancreas.,

Research Area

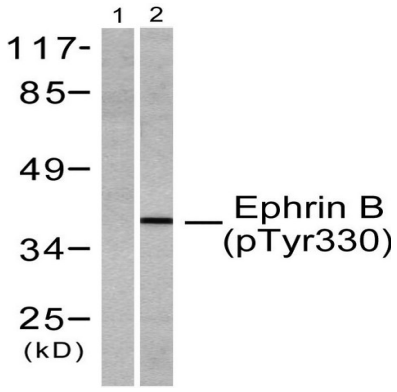
Axon guidance;

Image Data

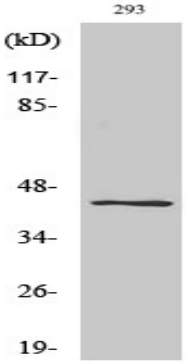


Enzyme-Linked Immunosorbent Assay （Phospho-ELISA） for Immunogen Phosphopeptide （Phospho-left） and Non-Phosphopeptide （Phospho-right）, using EFNB1/2 （Phospho-Tyr330） Antibody

Product Name: Ephrin-B1/2 (phospho Tyr330) Rabbit Polyclonal Antibody
Catalog #: APRab04619



Western blot analysis of lysates from 293 cells treated with TNF-a 20ng/ml 30 ', using EFNB1/2 (Phospho-Tyr330) Antibody. The lane on the left is blocked with the phospho peptide.



Western Blot analysis of various cells using Phospho-Ephrin-B1/2 (Y330) Polyclonal Antibody

Note

For research use only.