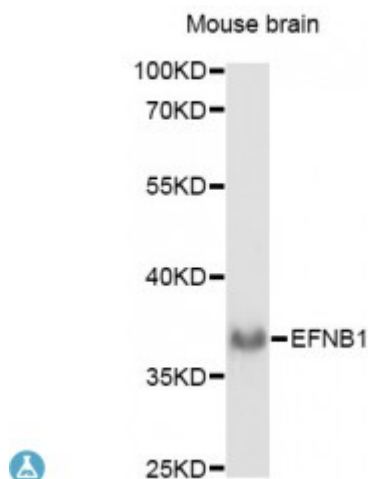


Anti-EFNB1 Antibody



Description

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.

Model	STJ116773
Host	Rabbit
Reactivity	Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 259-346 of human EFNB1 (NP_004420.1).
Gene ID	1947
Gene Symbol	EFNB1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Heart, placenta, lung, liver, skeletal muscle, kidney, pancreas
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Ephrin-B1 EFL-3 ELK ligand ELK-L EPH-related receptor tyrosine kinase ligand 2 LERK-2
Molecular Weight	38.007 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:3226 OMIM:300035 Reactome:R-HSA-2682334
Alternative Names	Ephrin-B1 EFL-3 ELK ligand ELK-L EPH-related receptor tyrosine kinase ligand 2 LERK-2
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 ,
Cellular Localization	Membrane
Post-translational Modifications	Inducible phosphorylation of tyrosine residues in the cytoplasmic domain,

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