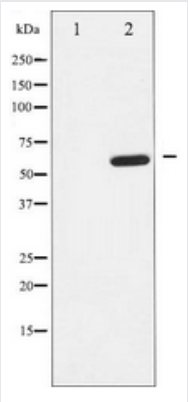
EFNB1/2 Antibody

PRODUCT OVERVIEW

Product Name	EFNB1/2, Antibody
Full Product Name	EFNB1/2 Antibody
Product Gene Name	anti-EFNB1/2 antibody
Product Synonym Names	CEK5 ligand; CEK5 receptor ligand; CEK5-L; CEL5-L; EFL-3; EFNB1; ELK ligand; ELK-L; EPH-related receptor tyrosine kinase ligand 2; Ephrin-B1 precursor; EPL2; EPLG2; kinase ephrin-B1; LERK-2; LERK2; STRA1; STRA1 protein
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Immunogen affinity purified
Specificity	EFNB1/2 Antibody detects endogenous levels of total EFNB1/2
Preparation and Storage	Store at-20 degree C for 1 year
Molecular Weight	59kDa
OMIM	300035
3D Structure	ModBase 3D Structure for P98172
Immunogen	A synthesized peptide derived from human EFNB1/2
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-EFNB1/2 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-EFNB1/2 antibody	WB: 1:500-1:2000 IHC: 1:50-1:200
Related Product Information for anti-EFNB1/2 antibody	This gene encodes a member of the ephrin family. The encoded protein 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.
Other Notes	Small volumes of anti-EFNB1/2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for EFNB1/2 purchase	MBS8512370 is an antibody targeting EFNB1/2. Also known as EFNB1/2 Antibody.



Western Blot (WB) of anti-EFNB1/2 antibody
Western blot analysis of EFNB1/2 expression in EGF treated 293 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EFNB1/2. It may not necessarily be applicable to this product.

NCBI GI #	4758248
NCBI GeneID	1947
NCBI Accession #	NP_004420.1
UniProt Primary Accession #	P98172
UniProt Secondary Accession #	D3DVU0
UniProt Related Accession #	P98172
GenBank Nucleotide #	NM_004429.4
NCBI Official Full Name	ephrin-B1
NCBI Official Synonym Full Names	ephrin B1
NCBI Official Symbol	EFNB1
NCBI Official Synonym Symbols	CFND; CFNS; EFB1; EFL3; EPLG2; Elk-L; LERK2
UniProt Protein Name	Ephrin-B1
UniProt Synonym Protein Names	EFL-3; ELK ligand; ELK-L; EPH-related receptor tyrosine kinase ligand 2; LERK-2
UniProt Gene Name	EFNB1
UniProt Synonym Gene Names	EFL3; EPLG2; LERK2; ELK-L; LERK-2
NCBI Protein Information	ephrin-B1
NCBI Summary for EFNB1/2	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]
UniProt Comments for EFNB1/2	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 ().
Research Articles on EFNB1/2	**1.** This study showed that EphB2 cells have a transient increase in migration after heterotypic activation, which underlies a shift in the EphB2-ephrinB1 border but is not required for segregation or border sharpening.

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