Ephrin-B1 (EFNB1) Antibody – Polyclonal

PRODUCT OVERVIEW

Product Name	Ephrin-B1 (EFNB1), Polyclonal Antibody
Full Product Name	Ephrin-B1 Polyclonal Antibody
Product Gene Name	anti-EFNB1 antibody
Clonality	Polyclonal
Molecular Weight	38,007 Da
OMIM	300035
3D Structure	ModBase 3D Structure for P98172
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-EFNB1 antibody	MBS8522575 is an antibody targeting EFNB1. Also known as Ephrin-B1 Polyclonal Antibody.
Other Notes	Small volumes of anti-EFNB1 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EFNB1. 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
Protein Family	Ephrin
UniProt Gene Name	EFNB1
UniProt Synonym Gene Names	EFL3; EPLG2; LERK2; ELK-L; LERK-2
NCBI Protein Information	ephrin-B1

NCBI Summary for EFNB1	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	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	**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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