

Datasheet for ABIN5002046

anti-Ephrin B1 antibody (pTyr324, pTyr329) (AbBy Fluor® 680)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Ephrin B1 (EFNB1)
Binding Specificity:	pTyr324, pTyr329
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ephrin B1 antibody is conjugated to AbBy Fluor® 680
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human Ephrin B around the phosphorylation site of Tyr324/329
Isotype:	IgG
Specificity:	These phosphorylation sites are homologous to Tyr323 + Tyr328 in Mouse.
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Ephrin B1 (EFNB1)
---------	-------------------

Target Details

Alternative Name:	EFNB1 (EFNB1 Products)
Background:	Synonyms: CFND, CFNS, EFB1, EFL3, EPLG2, Elk-L, LERK2, Ephrin-B1, EFL-3, ELK ligand, EPH-related receptor tyrosine kinase ligand 2, LERK-2, EFNB1 Background: 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 (By similarity). Cell surface transmembrane ligand for Eph receptors, a family of receptor tyrosine kinases which are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. Binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. The signaling pathway downstream of the receptor is referred to as forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling. Binds to the receptor tyrosine kinases EPHB3 (preferred), 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 (By similarity).
Gene ID:	1947
UniProt:	P98172
Pathways:	RTK Signaling

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

	handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months