antibodies -online.com







37 Images



Overview

Quantity:	100 μL
Target:	Ephrin B2 (EFNB2)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ephrin B2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human Ephrin B2, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	Ephrin B2 Antibody detects endogenous levels of total Ephrin B2.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	Ephrin B2 (EFNB2)
rarget.	Epinin bz (El Nbz)

Target Details

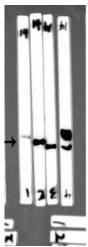
Alternative Name:	EFNB2 (EFNB2 Products)
Background:	Description: Cell surface transmembrane ligand for Eph receptors, a family of receptor tyrosine kinases which are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. Binds promiscuously Eph receptors 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 receptor tyrosine
	kinase including EPHA4, EPHA3 and EPHB4. Together with EPHB4 plays a central role in heart
	morphogenesis and angiogenesis through regulation of cell adhesion and cell migration.
	EPHB4-mediated forward signaling controls cellular repulsion and segregation from EFNB2-
	expressing cells. May play a role in constraining the orientation of longitudinally projecting
	axons.
	Gene: EFNB2
Molecular Weight:	36kDa
Gene ID:	1948
UniProt:	P52799
Pathways:	RTK Signaling, Regulation of Muscle Cell Differentiation
Application Details	
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.

Handling

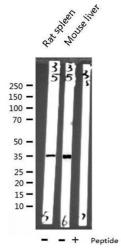
Expiry Date:

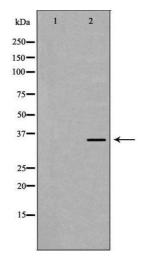
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.

Images



12 months





Western Blotting

Image 1. Western blot analysis of extracts from Mouse spleen tissue, Rat spleen tissue, HEK293 and 293T cells, using EFNB2 antibody (df7450) at 1/1000 dilution.Lane 1: Mouse spleen tissue;Lane 2 : Rat spleen tissue;lane 3 : HEK293 cell extract; lane 4: 293T cell extract; Predicted band size: 36kDa;Observed band size: 36kDa.

Western Blotting

Image 2. Western blot analysis of EFNB2 expression in various lysates

Western Blotting

Image 3. Western blot analysis of Hela whole cell lysates, using EFNB2 Antibody. The lane on the left is treated with the antigen-specific peptide.

Please check the product details page for more images. Overall 37 images are available for ABIN6261455.