Datasheet for ABIN7151877

anti-Ephrin B1 antibody (AA 28-237)

2 Images

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Overview

Quantity:	100 µL
Target:	Ephrin B1 (EFNB1)
Binding Specificity:	AA 28-237
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ephrin B1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Ephrin-B1 protein (28-237AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	Ephrin B1 (EFNB1)
Alternative Name:	EFNB1 (EFNB1 Products)
Background:	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

Target Details

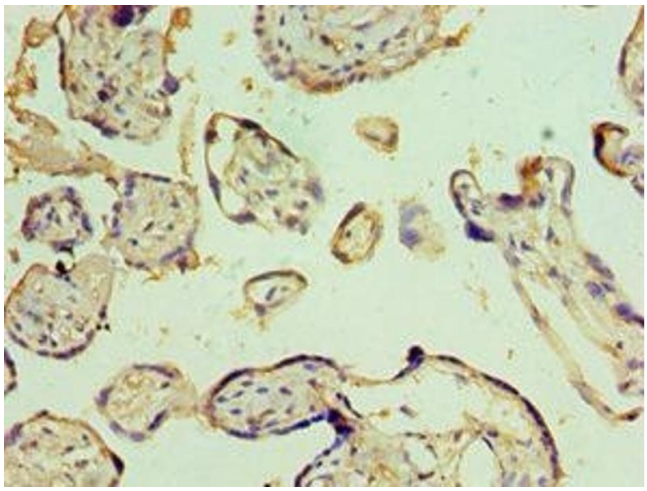
	orientation of longitudinally projecting axons. Cell surface transmembrane ligand for Eph receptors, a family of receptor tyrosine kinases which are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. Binds promiscuously Eph receptors residing on adjacent 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. Aliases: CFND antibody, CFNS antibody, Craniofrontonasal syndrome (craniofrontonasal dysplasia) antibody, EFL 3 antibody, EFL-3 antibody, EFL3 antibody, EFNB1 antibody, EFNB1_HUMAN antibody, Elk L antibody, ELK ligand antibody, ELK-L antibody, Eph related receptor tyrosine kinase ligand 2 antibody, EPH-related receptor tyrosine kinase ligand 2 antibody, Ephrin-B1 antibody, EPLG2 antibody, LERK 2 antibody, LERK-2 antibody, LERK2 antibody, Ligand of eph related kinase 2 antibody, MGC8782 antibody
UniProt:	P98172
Pathways:	RTK Signaling

Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200,
Restrictions:	For Research Use only

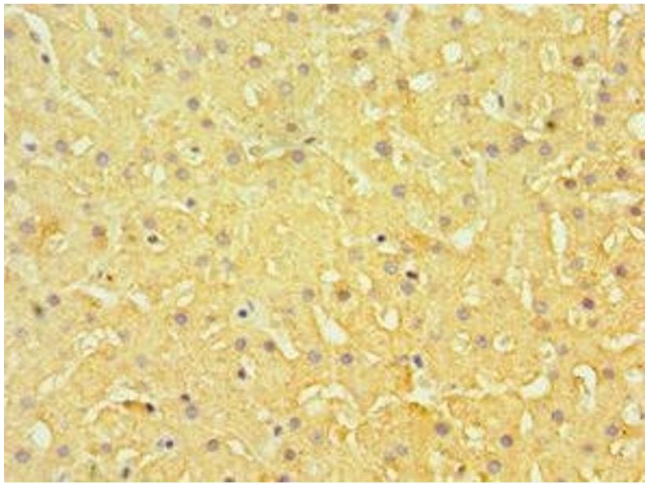
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7151877 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human liver tissue using ABIN7151877 at dilution of 1:100

