

Datasheet for ABIN7138977

anti-Ephrin B2 antibody (pTyr316)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Ephrin B2 (EFNB2)
Binding Specificity:	pTyr316
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ephrin B2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 316 (P-V-Y(p)-I-V) derived from Human Ephrin-B2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Target Details

Target:	Ephrin B2 (EFNB2)
Alternative Name:	EFNB2 (EFNB2 Products)

Target Details

Background: Background: This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 99 % identical to the mouse, rat and sheep orthologs. The encoded protein interacts with IRS1 protein, suggesting a role in regulating insulin sensitivity. Several transcript variants that differ in the 5' UTR but that encode the same protein have been identified for this gene.

Chrencik JE, et al. (2006) J Biol Chem, 281(38):28185-28192.

Kertesz N, et al. (2006) Blood, 107(6):2330-2338.

Noren NK, et al. (2004) Proc Natl Acad Sci USA, 101(15):5583-5588

Aliases: EFN B2 antibody, EFNB 2 antibody, Efnb2 antibody, EFNB2_HUMAN antibody, Eph related receptor tyrosine kinase ligand 5 antibody, EPH-related receptor tyrosine kinase ligand 5 antibody, ephrin B2 antibody, Ephrin-B2 antibody, EphrinB2 antibody, EPLG 5 antibody, EPLG5 antibody, Htk L antibody, HTK ligand antibody, HTK-L antibody, HTKL antibody, LERK 5 antibody, LERK-5 antibody, LERK5 antibody, Ligand of eph related kinase 5 antibody, MGC126226 antibody, MGC126227 antibody, MGC126228 antibody, OTTMUSP00000024973 antibody

UniProt: [P52799](#)

Pathways: [RTK Signaling](#), [Regulation of Muscle Cell Differentiation](#)

Application Details

Application Notes: WB:1:500-1:1000,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), 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.

Storage: -20 °C, -80 °C

Handling

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images

