antibodies .- online.com







anti-Ephrin B2 antibody (pTyr316)





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0.70.7.077	
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

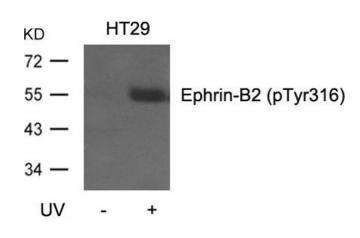
Handling

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

Storage Comment:

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

Images



Western Blotting

Image 1. Western blot analysis of extracts from HT29 cells, untreated or treated with UV using Ephrin-B2(Phospho-Tyr316) Antibody.