

Datasheet for ABIN684562

## anti-Ephrin B1 antibody (pTyr324, pTyr329) (HRP)



[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 HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro))

### 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)
Alternative Name:	EFNB1 ( <a href="#">EFNB1 Products</a> )

## Target Details

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Background:	<p>Synonyms: CFND, CFNS, EFB1, EFL3, EPLG2, Elk-L, LERK2, Ephrin-B1, EFL-3, ELK ligand, EPH-related receptor tyrosine kinase ligand 2, LERK-2, EFN1</p> <p>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).</p>
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Gene ID:	1947
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UniProt:	<a href="#">P98172</a>
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Pathways:	<a href="#">RTK Signaling</a>
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## Application Details

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Application Notes:	WB 1:300-5000 IHC-F 1:100-500
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
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Concentration:	1 µg/µL
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Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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Preservative:	ProClin
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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
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Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish
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## Handling

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peroxidase.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months