

Datasheet for ABIN684555

anti-Ephrin B1 antibody (pTyr324, pTyr329) (Biotin)[Go to Product page](#)

Overview

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| 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 Biotin |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

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| 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

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

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: | P98172 |
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| Pathways: | RTK Signaling |
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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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| Storage: | -20 °C |
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Handling

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months