

Datasheet for ABIN6943259

anti-Ephrin B2 antibody (AA 21-120) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Ephrin B2 (EFNB2)
Binding Specificity:	AA 21-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ephrin B2 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Ephrin-B2
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	Ephrin B2 (EFNB2)
Alternative Name:	Ephrin-B2 (EFNB2 Products)
Background:	Synonyms: EFN B2, EFNB 2, Efnb2, EFNB2_HUMAN, Eph related receptor tyrosine kinase ligand

Target Details

5, EPH-related receptor tyrosine kinase ligand 5, ephrin B2, Ephrin-B2, EphrinB2, EPLG 5, EPLG5, Htk L, HTK ligand, HTK-L, HTKL, LERK 5, LERK-5, LERK5, Ligand of eph related kinase 5, MGC126226, MGC126227, MGC126228, OTTMUSP00000024973.

Background: This gene encodes a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. This gene encodes an EFNB class ephrin which binds to the EPHB4 and EPHA3 receptors. [provided by RefSeq, Jul 2008]

Gene ID: 1948

UniProt: [P52799](#)

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

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

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

Expiry Date: 12 months