

Datasheet for ABIN6943260

**anti-Ephrin B2 antibody (AA 21-120)**[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 un-conjugated                                                  |
| 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 ( <a href="#">EFNB2 Products</a> )                                              |
| 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:  | <a href="#">P52799</a>                                                   |
| Pathways: | <a href="#">RTK Signaling, Regulation of Muscle Cell Differentiation</a> |

## Application Details

|                    |                                                      |
|--------------------|------------------------------------------------------|
| Application Notes: | WB 1:300-5000<br>ELISA 1:500-1000<br>IHC-P 1:200-400 |
| Restrictions:      | For Research Use only                                |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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:           | 4 °C,-20 °C                                                                                                        |
| Storage Comment:   | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.                                    |
| Expiry Date:       | 12 months                                                                                                          |