

Datasheet for ABIN6284408

## anti-EPH Receptor B4 antibody (Internal Region)



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### Overview

|                      |                                                                                                                    |
|----------------------|--------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 50 µL                                                                                                              |
| Target:              | EPH Receptor B4 (EPHB4)                                                                                            |
| Binding Specificity: | AA 540-620, Internal Region                                                                                        |
| Reactivity:          | Human, Mouse                                                                                                       |
| Host:                | Rabbit                                                                                                             |
| Clonality:           | Polyclonal                                                                                                         |
| Conjugate:           | This EPH Receptor B4 antibody is un-conjugated                                                                     |
| Application:         | Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

### Product Details

|               |                                                                                                                       |
|---------------|-----------------------------------------------------------------------------------------------------------------------|
| Purpose:      | Rabbit polyclonal to EphB4.                                                                                           |
| Immunogen:    | Synthesized peptide derived from human EphB4                                                                          |
| Isotype:      | IgG                                                                                                                   |
| Specificity:  | EphB4 Polyclonal Antibody detects endogenous levels of EphB4 protein.                                                 |
| Purification: | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |

### Target Details

|         |                         |
|---------|-------------------------|
| Target: | EPH Receptor B4 (EPHB4) |
|---------|-------------------------|

Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Alternative Name: | EphB4 ( <a href="#">EPHB4 Products</a> ) |
| Molecular Weight: | 110 kDa                                  |
| Gene ID:          | 2050                                     |
| UniProt:          | <a href="#">P54760</a>                   |
| Pathways:         | <a href="#">RTK Signaling</a>            |

Application Details

|                    |                                                                                                                                                                                                                                                                                        |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | WB 1:500-1:2000<br>IHC 1:100-1:300<br>IF 1:200-1:1000<br>ELISA 1:20000                                                                                                                                                                                                                 |
| Comment:           | Abundantly expressed in placenta but also detected in kidney, liver, lung, pancreas, skeletal muscle and heart. Expressed in primitive and myeloid, but not lymphoid, hematopoietic cells. Also observed in cell lines derived from liver, breast, colon, lung, melanocyte and cervix. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                  |

Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 1 mg/mL                                                                                                                |
| Buffer:            | Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.                                             |
| 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                                                                                                                 |
| Storage Comment:   | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                   |