

## Anti-EphB1+EphB2 Polyclonal Antibody

### Product Details

|                   |   |
|-------------------|---|
| Ig Type:          | IgG   |
| Reactivity:       | Human,Mouse,Rat (predicted:Chicken,Dog,Pig,Cow,Horse) |
| Molecular Weight: | Theoretical: 110 kDa. Actual: 120 kDa.                |
| Purification:     | Protein A purified                                    |

### Applications

|                    |  |
|--------------------|--|
| Verified Activity: | 1. Sample:<br>Lane 1: Mouse Testis tissue lysates<br>Lane 2: Mouse Cerebellum tissue lysates<br>Lane 3: Mouse Placenta tissue lysates<br>Lane 4: Mouse NIH/3T3 cell lysates<br>Lane 5: Rat Testis tissue lysates<br>Lane 6: Rat Cerebellum tissue lysates<br>Lane 7: Rat Placenta tissue lysates<br>Lane 8: Human U251 cell lysates<br>Lane 9: Human U87MG cell lysates<br>Lane 10: Human MCF-7 cell lysates<br>Lane 11: Human U-2 OS cell lysates<br>Primary: Anti-EphB1+EphB2 (TMAB-05620) at 1/1000 dilution<br>Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution<br>Predicted band size: 110 kDa<br>Observed band size: 120 kDa |
| Application:       | WB   |
| Recommended        | WB: 1:500-2000   |

### Properties

|                      |   |
|----------------------|---|
| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping:            | Shipping with blue ice.   |

### Antigen Details

|                  |   |
|------------------|---|
| Immunogen:       | KLH conjugated synthetic peptide: human EphB1+EphB2 |
| Antigen Species: | Human   |
| Gene ID:         | 2047  |
| Uniprot ID:      | P54762  |

### Research Background

Ephrin receptors bind members of the ephrin ligand family. They are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. They make up the largest subgroup of the receptor tyrosine kinase (RTK) family. Eph receptor B1 (EphB1) and Eph receptor B2

## A DRUG SCREENING EXPERT

---

(EphB2) are receptors for ephrin-B family members. Developing and adult neural tissue express nearly all of the Ephrin receptors and ephrin ligands. Ephrins and ephrin receptors also play a significant role in angiogenesis. EphB2 acts as a tumor suppressor.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481