

## Eph Receptor A5 Antibody / EphA5 (R32140)

| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| R32140      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

[Bulk quote request](#)

|                           |   |
|---------------------------|---|
| <b>Availability</b>       | 1-3 business days   |
| <b>Species Reactivity</b> | Human, Mouse, Rat   |
| <b>Format</b>             | Antigen affinity purified   |
| <b>Host</b>               | Rabbit  |
| <b>Clonality</b>          | Polyclonal (rabbit origin)  |
| <b>Isotype</b>            | Rabbit IgG  |
| <b>Purity</b>             | Antigen affinity  |
| <b>Buffer</b>             | Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide     |
| <b>UniProt</b>            | P54756  |
| <b>Applications</b>       | Western Blot : 0.1-0.5ug/ml                                       |
| <b>Limitations</b>        | This Eph Receptor A5 antibody is available for research use only. |



Western blot testing of 1) rat brain and 2) mouse brain with Eph Receptor A5 antibody. Expected/observed molecular weight ~114 kDa.

### Description

EPH receptor A5 (ephrin type-A receptor 5) is a protein that in humans is encoded by the EPHA5 gene. This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors 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. Alternatively spliced transcript variants encoding different isoforms have been described.

## Application Notes

Optimal dilution of the Eph Receptor A5 antibody should be determined by the researcher.

## Immunogen

Amino acids TLEDLRRRLGVTLVGHQKKIMNSLQEMKVQLVN of human Eph receptor A5 were used as the immunogen for the Eph Receptor A5 antibody.

## Storage

After reconstitution, the Eph Receptor A5 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.