

## Robo2 Polyclonal Antibody

### Description

|                                |   |
|--------------------------------|---|
| <b>Product type</b>            | Primary Antibody  |
| <b>Code</b>                    | BT-AP07965  |
| <b>Host</b>                    | Rabbit  |
| <b>Isotype</b>                 | IgG   |
| <b>Size</b>                    | 20ul, 50ul, 100ul   |
| <b>Immunogen</b>               | The antiserum was produced against synthesized peptide derived from human ROBO2. AA range:237-286 |
| <b>Mol wt</b>                  | 151200  |
| <b>Species reactivity</b>      | Human, Mouse, Rat   |
| <b>Clonality</b>               | Polyclonal  |
| <b>Recommended application</b> | IHC-p, ELISA  |
| <b>Concentration</b>           | 1 mg/ml   |
| <b>Full name</b>               | Robo2 Antibody  |
| <b>Synonyms</b>                | ROBO2; KIAA1568; Roundabout homolog 2   |

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

The protein encoded by ROBO2 (roundabout guidance receptor 2) belongs to the ROBO family, part of the immunoglobulin superfamily of proteins that are highly conserved from fly to human. The encoded protein is a transmembrane receptor for the slit homolog 2 protein and functions in axon guidance and cell migration. Mutations in ROBO2 are associated with vesicoureteral reflux, characterized by the backward flow of urine from the bladder into the ureters or the kidney. Alternative splicing results in multiple transcript variants.

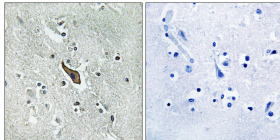
### Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 40000

Not yet tested in other applications.

### Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using ROBO2 Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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