

## TS1R1 Polyclonal Antibody

### Description

|                                |   |
|--------------------------------|---|
| <b>Product type</b>            | Primary Antibody  |
| <b>Code</b>                    | BT-AP15202  |
| <b>Host</b>                    | Rabbit  |
| <b>Isotype</b>                 | IgG   |
| <b>Size</b>                    | 100ul, 50ul, 20ul   |
| <b>Immunogen</b>               | Synthesized peptide derived from human protein . at AA range: 280-360 |
| <b>Mol wt</b>                  | N/A   |
| <b>Species reactivity</b>      | Human, Rat, Mouse   |
| <b>Clonality</b>               | Polyclonal  |
| <b>Recommended application</b> | WB, ELISA   |
| <b>Concentration</b>           | 1 mg/ml   |
| <b>Full name</b>               | Taste receptor type 1 member 1  |
| <b>Synonyms</b>                | Taste receptor type 1 member 1 ;G-protein coupled receptor 70         |

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

### Background

The protein encoded by this gene is a G protein-coupled receptor and is a component of the heterodimeric amino acid taste receptor T1R1+3. The T1R1+3 receptor responds to L-amino acids but not to D-enantiomers or other compounds. Most amino acids that are perceived as sweet activate T1R1+3, and this activation is strictly dependent on an intact T1R1+3 heterodimer. Multiple transcript variants encoding different isoforms have been found for this gene.

### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year

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