

MaxPab®

## BRS3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000680-B01P

Size 500 ug

### Specification

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Mouse polyclonal antibody raised against a full-length human BRS3 protein.                                                                                                                                                                                                                                                                                                                                                     |
| <b>Immunogen</b>                     | BRS3 (AAI52939.1, 1 a.a. ~ 399 a.a) full-length human protein.                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Sequence</b>                      | MAQRQPHSPNQTLISITNDESSSSVVSNDNTNKGWSGDNSPGIEALCAMTYAVIISVGILGNAILIK<br>VFFKTKSMQTVPNIFITSLAFGDLILLTTCVPVDATHYLAEGWLFGRIGCKVLSFIRLTSVGVSFVTL<br>TILSADRYKAVVKPLERQPSNAILKTCVKAGCVWVSMIFALPEAIFSNVYTFRDPNKNMTFESCTS<br>YPVSKKLLQEIHSLLCFLVFYIIPLSIISVYYSIARTLYKSTLNIPTEEQSHARKQIESRKRIARTVLVLV<br>ALFALCWLPNHLLYLHYSFTSQTYVDPSAMHFIFTFSRVLAFSNSCVNPFALYWLSKSFQKHFKAK<br>QLFCCKAERPEPPVADTSLTTLAVMGTVPGTGSIQMSEISVTSFTGCSVKQAEDRF |
| <b>Host</b>                          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Reactivity</b>                    | Human                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Interspecies Antigen Sequence</b> | Mouse (85); Rat (86)                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Quality Control Testing</b>       | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage Buffer</b>                | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage Instruction</b>           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                       |

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

### Gene Info — BRS3

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">680</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| GeneBank Accession# | <a href="#">BC152938.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Protein Accession#  | <a href="#">AAI52939.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Name           | BRS3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Alias          | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Description    | bombesin-like receptor 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Omim ID             | <a href="#">300107</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Summary        | Mammalian bombesin-like peptides (see MIM 137260) are widely distributed in the central nervous system as well as in the gastrointestinal tract, where they modulate smooth-muscle contraction, exocrine and endocrine processes, metabolism, and behavior. They bind to G protein-coupled receptors on the cell surface to elicit their effects. Bombesin-like peptide receptors include gastrin-releasing peptide receptor (MIM 305670), neuromedin B receptor (MIM 162341), and bombesin-like receptor-3 (BRS3) (Ohki-Hamazaki et al., 1997).[supplied by OMIM] |
| Other Designations  | G-protein coupled receptor OTTHUMP00000024342 bombesin receptor subtype 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

## Pathway

- [Neuroactive ligand-receptor interaction](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)