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# Product datasheet for AP01209PU-S

## Bombesin Receptor 3 (BRS3) Rabbit Polyclonal Antibody

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | IF, WB |
| **Recommended Dilution:** | **Western Blot**: 1/500-1/1000.<br>**Immunofluorecence**: 1/50-1/200. |
| **Reactivity:** | Human |
| **Host:** | Rabbit |
| **Clonality:** | Polyclonal |
| **Immunogen:** | Synthetic peptide, corresponding to amino acids 270-320 of Human BRS-3. |
| **Specificity:** | This antibody detects endogenous levels of BRS-3 protein. (region surrounding Glu201) |
| **Formulation:** | Phosphate buffered saline (PBS), pH~7.2<br>State: Aff - Purified<br>State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE).<br>Preservative: 15 mM Sodium Azide |
| **Concentration:** | 1.0 mg/ml |
| **Purification:** | Affinity Chromatography using epitope-specific immunogen. |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing. |
| **Stability:** | Shelf life: One year from despatch. |
| **Predicted Protein Size:** | ~ 44 kDa |
| **Gene Name:** | bombesin like receptor 3 |
| **Database Link:** | Entrez Gene 680 Human<br>P32247 |
| **Background:** | Bombesin Receptor 3 expression has been reported in lung (normal and cancer), nasal mucosa, placenta, and uterus. ESTs have been isolated from normal brain and kidney cancer libraries. It has a role in sperm cell division, maturation, or function. This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system. |

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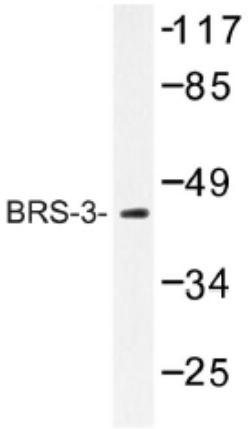
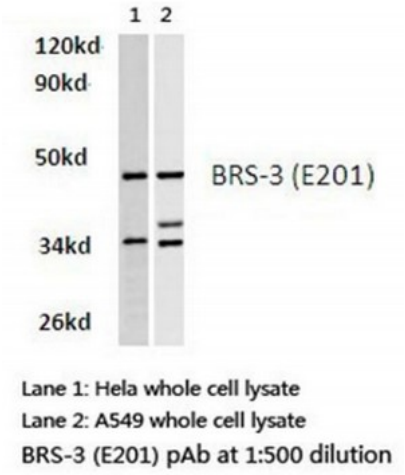
**Synonyms:** BRS-3, Bombesin receptor subtype-3

## Product images:




Western blot (WB) analysis of BRS-3 antibody in extracts from HUVEC cells.




Western blot (WB) analysis of BRS-3 antibody in extracts from A549 and hela cells.