# Anti-BRS3 antibody

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|---|---|
| **Cat. No.** | ml261492 |
| **Package** | 25 μl/100 μl/200 μl |
| **Storage** | -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol |

**Product overview**

| | |
|---|---|
| **Description** | Anti-BRS3 rabbit polyclonal antibody |
| **Applications** | ELISA, WB, IHC |
| **Immunogen** | Synthetic peptide of human BRS3 |
| **Reactivity** | Human, Mouse, Rat |
| **Content** | 0.5 mg/ml |
| **Host species** | Rabbit |
| **Ig class** | Immunogen-specific rabbit IgG |
| **Purification** | Antigen affinity purification |

**Target information**

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|---|---|
| **Symbol** | BRS3 |
| **Full name** | bombesin-like receptor 3 |

**Synonyms**

**Swissprot** P32247

**Target Background**

The protein encoded by this gene is a G protein-coupled membrane receptor that binds bombesin-like peptides. This binding results in activation of a phosphatidylinositol-calcium second messenger system, with physiological effects including regulation of metabolic rate, glucose metabolism, and hypertension.

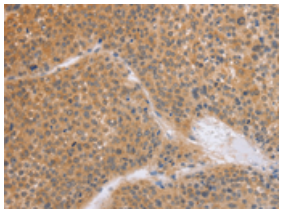
**Applications**

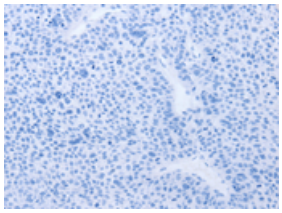
**Immunohistochemistry**

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 50-200



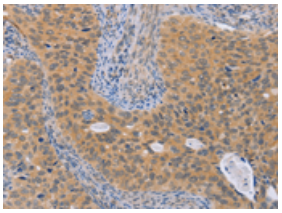


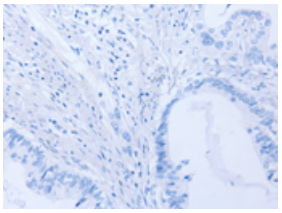
The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml261492(BRS3 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm

Positive control: Human cervical cancer

Recommended dilution: 50-200





The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml261492(BRS3 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: ×200)

**Western blotting**

Predicted band size:44 kDa

Positive control:A172 cells

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

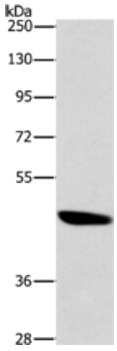
Lysate: 40 μg

Lane: A172 cells

Primary antibody: ml261492(BRS3 Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds




**ELISA**

Recommended dilution: 2000-5000

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