

**NPBWR1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18352b****Specification**

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**NPBWR1 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [P48145](#)

**NPBWR1 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 2831

**Other Names**

Neuropeptides B/W receptor type 1, G-protein coupled receptor 7, NPBWR1, GPR7

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**NPBWR1 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** NPBWR1

**Synonyms** GPR7

**Function**

Interacts specifically with a number of opioid ligands. Receptor for neuropeptides B and W, which may be involved in neuroendocrine system regulation, food intake and the organization of other signals. Has a higher affinity for neuropeptide B.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Tissue Location**

Found in cerebellum and frontal cortex. Detected at high levels in hippocampus, amygdala and trachea; at moderate levels in fetal brain, pituitary gland and prostate. Not in caudate, accumbens, kidney or liver. Also detected at high levels in lung carcinoma

**NPBWR1 Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **NPBWR1 Antibody (C-term) Blocking Peptide - Images**

#### **NPBWR1 Antibody (C-term) Blocking Peptide - Background**

NPBWR1 interacts specifically with a number of opioid ligands. Receptor for neuropeptides B and W, which may be involved in neuroendocrine system regulation, food intake and the organization of other signals. Has a higher affinity for neuropeptide B.

#### **NPBWR1 Antibody (C-term) Blocking Peptide - References**

Luttrell, L.M. Mol. Biotechnol. 39(3):239-264(2008) Lambert, N.A. Sci Signal 1 (25), RE5 (2008)  
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