

**NTSR2 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14237b****Specification**

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**NTSR2 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [O95665](#)

**NTSR2 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 23620

**Other Names**

Neurotensin receptor type 2, NT-R-2, NTR2, Levocabastine-sensitive neurotensin receptor, NTSR2

**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.

**NTSR2 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** NTSR2

**Function**

Receptor for the tridecapeptide neurotensin. It is associated with G proteins that activate a phosphatidylinositol-calcium second messenger system.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Tissue Location**

Expressed in prostate (at protein level).

**NTSR2 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**NTSR2 Antibody (C-term) Blocking Peptide - Images**

**NTSR2 Antibody (C-term) Blocking Peptide - Background**

The protein encoded by this gene belongs to the Gprotein-coupled receptor family that activate phosphatidylinositol-calcium second messenger system. Binding and pharmacological studies demonstrate that this receptor binds neurotensin as well as several other ligands already described for neurotensin NT1 receptor. However, unlike NT1 receptor, this gene recognizes, with high affinity, levocabastine, a histamine H1 receptor antagonist previously shown to compete with neurotensin for low-affinity binding sites in brain. These activities suggest that this receptor may be of physiological importance and that a natural agonist for the receptor may exist.

**NTSR2 Antibody (C-term) Blocking Peptide - References**

Dick, D.M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (6), 1179-1188 (2010) : Swift, S.L., et al. Cancer Res. 70(1):347-356(2010) Hwang, J.R., et al. Biochem. Biophys. Res. Commun. 391(1):1007-1013(2010) Gratacos, M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (6), 808-816 (2009) : Tabakoff, B., et al. BMC Biol. 7, 70 (2009) :