

**UTS2 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7987a****Specification**

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**UTS2 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [O95399](#)**UTS2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 10911**Other Names**

Urotensin-2, Urotensin II, U-II, UIII, UTS2

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7987a](/products/AP7987a) was selected from the N-term region of human UTS2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**UTS2 Antibody (N-term) Blocking Peptide - Protein Information****Name** UTS2**Function**

Highly potent vasoconstrictor.

**Cellular Location**

Secreted.

**Tissue Location**

Brain specific.

**UTS2 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **UTS2 Antibody (N-term) Blocking Peptide - Images**

#### **UTS2 Antibody (N-term) Blocking Peptide - Background**

UTS2 is a mature peptide that is an active cyclic heptapeptide absolutely conserved from lamprey to human. The active peptide acts as a vasoconstrictor and is expressed only in brain tissue. Despite the gene family name similarity, this protein is not homologous to urocortin, a member of the sauvagine/corticotropin-releasing factor/urotensin I family. Most of the proprotein is cleaved to make the mature peptide.

#### **UTS2 Antibody (N-term) Blocking Peptide - References**

Brailoiu, E., Peptides 29 (5), 721-726 (2008) Cirillo, P., J. Thromb. Haemost. 6 (5), 726-736 (2008) Zoccali, C. Hypertension 51 (2), 326-333 (2008)