10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

UTS2 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP7987a

Specification

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, UII, UTS2

Target/Specificity
The synthetic peptide sequence used to generate the antibody 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.

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)

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