

UTS2 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7987a**Specification**

UTS2 Antibody (N-term) - Product Information

Application	FC, IHC-P, WB,E
Primary Accession	O95399
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	14296
Antigen Region	10-39

UTS2 Antibody (N-term) - Additional Information**Gene ID** 10911**Other Names**

Urotensin-2, Urotensin II, U-II, UII, UTS2

Target/Specificity

This UTS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 10-39 amino acids from the N-terminal region of human UTS2.

Dilution

FC~~1:10~50

IHC-P~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

UTS2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

UTS2 Antibody (N-term) - Protein Information**Name** UTS2

Function Highly potent vasoconstrictor.

Cellular Location
Secreted.

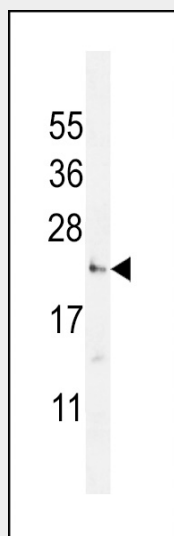
Tissue Location
Brain specific.

UTS2 Antibody (N-term) - Protocols

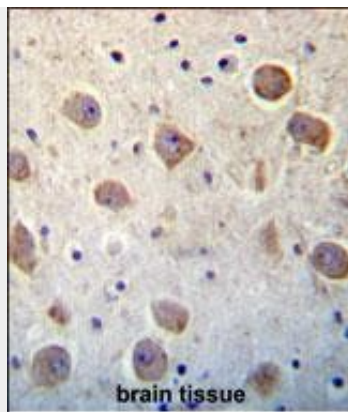
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

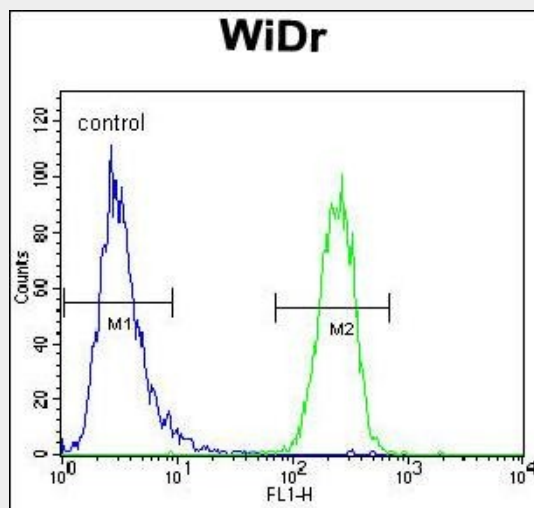
UTS2 Antibody (N-term) - Images



UTS2 Antibody (N-term) (Cat. #AP7987a) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the UTS2 antibody detected the UTS2 protein (arrow).



UTS2 Antibody (N-term) (Cat. #AP7987a) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of UTS2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



UTS2 Antibody (N-term) (Cat. #AP7987a) flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

UTS2 Antibody (N-term) - 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) - 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)