

Rabbit anti-Human UTS2 Polyclonal Antibody | anti-UTS2 antibody

UTS2 Antibody (N-term)

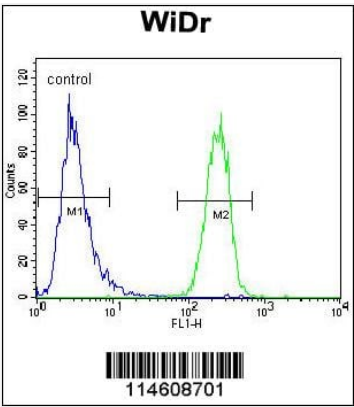
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284869	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

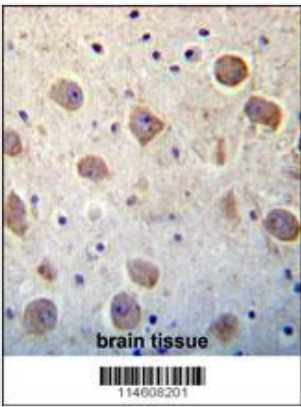
UTS2; Polyclonal Antibody; UTS2 Antibody (N-term); Urotensin-2; Urotensin II; U-II; UII; anti-UTS2 antibody

PRODUCT SPECIFICATIONS

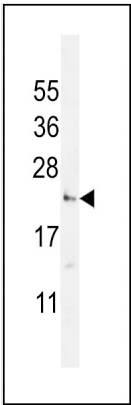
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This UTS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 10-39 amino acids from the N-terminal region of human UTS2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	10-39
Sequence Length	139
Applicable Applications for anti-UTS2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
UTS2 Antibody (N-term) 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.



IHC (Immunohiostchemistry)
UTS2 Antibody (N-term) 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-UTS2 antibody	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.
Product Categories/Family for anti-UTS2 antibody	Cardiovascular; Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803209
NCBI GeneID	10911
NCBI Accession #	NP_006777.1 ; NP_068835.1
NCBI GenBank Nucleotide #	NM_006786.3
UniProt Accession #	O95399 ; Q5H8X7 ; Q6UXF6 ; Q9UKP7

Molecular Weight	14296
NCBI Official Full Name	urotensin-2 isoform b preproprotein
NCBI Official Synonym Full Names	urotensin 2
NCBI Official Symbol	UTS2
NCBI Official Synonym Symbols	UII; U-II; UCN2; PRO1068
NCBI Protein Information	urotensin-2
UniProt Protein Name	Urotensin-2
UniProt Gene Name	UTS2
UniProt Synonym Gene Names	U-II; UII
UniProt Entry Name	UTS2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/uts2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284869>