



## Urotensin II rabbit pAb

Cat#: orb766551 (Manual)

For research use only. Not intended for diagnostic use.

Product Name Urotensin II rabbit pAb

Host species Rabbit

Applications WB;ELISA

Species Cross-Reactivity Human; Monkey

**Recommended dilutions** Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other

applications.

Immunogen The antiserum was produced against synthesized peptide derived from

human Urotensin II. AA range:48-97

Specificity Urotensin II Polyclonal Antibody detects endogenous levels of Urotensin II

protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium

azide..

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Urotensin-2

Gene Name UTS2

Cellular localization Secreted.

**Purification** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

**Clonality** Polyclonal





Concentration 1 mg/ml

Observed band 14kD

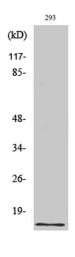
Human Gene ID 10911

Human Swiss-Prot Number 095399

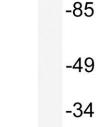
Alternative Names UTS2; Urotensin-2; Urotensin II; U-II; UII

## **Background**

This gene encodes 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 gene 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. Transcript variants encoding different preproprotein isoforms have been described for this gene. [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using Urotensin II Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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Western blot analysis of lysate from 293 cells, using Urotensin II antibody.



