

# Urotensin II (UTS2) Rabbit mAb

Catalog No.: A23164 **Recombinant**

## Basic Information

### Observed MW

16kDa

### Calculated MW

14kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

Rat

### CloneNo number

ARC59263

## 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 proprotein isoforms have been described for this gene.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

10911

### Swiss Prot

O95399

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

Ull; U-II; UCN2; PRO1068; Urotensin II (UTS2)

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

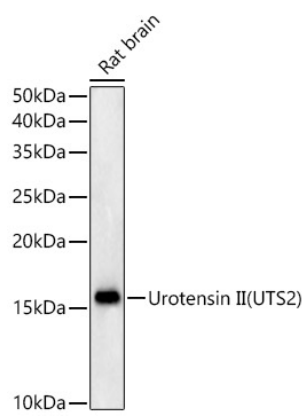
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

# Validation Data



Western blot analysis of lysates from Rat brain, using Urotensin II (UTS2) Rabbit mAb (A23164) at 1:500 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 180s.