

Urotensin II (UTS2) Rabbit mAb

Catalog No.: A23164 **Recombinant**

Basic Information

Observed MW

16kDa

Calculated MW

14kDa

Category

Primary antibody

Applications

ELISA, WB

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 1:100 - 1:500

Immunogen Information

Gene ID

10911

Swiss Prot

O95399

Immunogen

A synthesized peptide derived from human Urotensin II (UTS2).

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

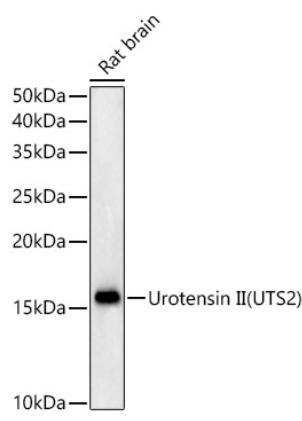
Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of Rat brain, using Urotensin II (UTS2) antibody (A23164) at 1:500 dilution.
Secondary antibody: HRP 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.