

Urotensin II Polyclonal Antibody

Catalog No :	YT4826
Reactivity :	Human;Monkey
Applications :	WB;ELISA
Target :	Urotensin II
Fields :	>>Neuroactive ligand-receptor interaction
Gene Name :	UTS2
Protein Name :	Urotensin-2
Human Gene Id :	10911
Human Swiss Prot No :	O95399
Mouse Swiss Prot No :	Q9QZQ3
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.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 14kD

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],

Function : function:Highly potent vasoconstrictor.,similarity:Belongs to the urotensin-2 family.,tissue specificity:Brain specific.,

Subcellular Location : Secreted.

Expression : Brain specific.

Products Images

