

# UTS2R Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP14913c

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q9UKP6</a>
<b>Other Accession</b>	<a href="#">NP_061822.1</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB35335
<b>Calculated MW</b>	42130
<b>Antigen Region</b>	223-252

## Additional Information

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<b>Gene ID</b>	2837
<b>Other Names</b>	Urotensin-2 receptor, UR-2-R, G-protein coupled receptor 14, Urotensin II receptor, UR-II-R, UTS2R, GPR14
<b>Target/Specificity</b>	This UTS2R antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 223-252 amino acids from the Central region of human UTS2R.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	UTS2R Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	UTS2R
<b>Synonyms</b>	GPR14
<b>Function</b>	High affinity receptor for urotensin-2 and urotensin-2B. The activity of this

receptor is mediated by a G-protein that activate a phosphatidylinositol-calcium second messenger system.

**Cellular Location** Cell membrane; Multi-pass membrane protein.

**Tissue Location** Most abundant expression in the heart and pancreas.

## Background

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High affinity receptor for urotensin-2 and urotensin-2B. The activity of this receptor is mediated by a G-protein that activate a phosphatidylinositol-calcium second messenger system.

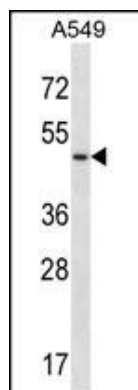
## References

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Liu, D., et al. Int. J. Mol. Med. 25(6):845-851(2010)  
d'Emmanuele di Villa Bianca, R., et al. J Sex Med 7(5):1778-1786(2010)  
Papadopoulos, P., et al. Atherosclerosis 204(2):395-404(2009)  
Giuliani, L., et al. J. Clin. Endocrinol. Metab. 94(2):684-690(2009)

## Images

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UTS2R Antibody (Center) (Cat. #AP14913c) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the UTS2R antibody detected the UTS2R protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.