

A6969

Leader in Biomolecular Solutions for Life Science



# RLN2 Rabbit pAb

Catalog No.: A6969

## Basic Information

### Observed MW

21kDa

### Calculated MW

21kDa

### Category

Polyclonal Antibody

### Applications

WB,IHC-P,ELISA

### Cross-Reactivity

Human,Rat

## Background

This gene encodes a member of the relaxin subfamily and insulin superfamily of peptide hormones. In humans there are three non-allelic relaxin genes. This gene encodes multiple protein isoforms, at least one of which undergoes proteolytic processing. This processing generates relaxin A and B chains that are linked by disulfide bonds to form the mature peptide hormone. This hormone plays a role in the male and female reproductive systems and was initially noted for its role in pregnancy. This protein also plays broader roles in the cardiovascular system, including in the regulation of blood pressure and control of heart rate, and data from animal models shows that this protein may have anti-fibrotic and cardioprotective effects.

## Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
6019	P04090

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 25-185 of human RLN2 (NP\_604390.1).

### Synonyms

H2; RLXH2; H2-RLX; bA12D24.1.1; bA12D24.1.2; RLN2

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

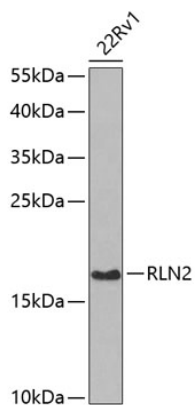
### Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

---



Western blot analysis of lysates from 22Rv1 cells, using RLN2 Rabbit pAb (A6969) at 1:1000 dilution.

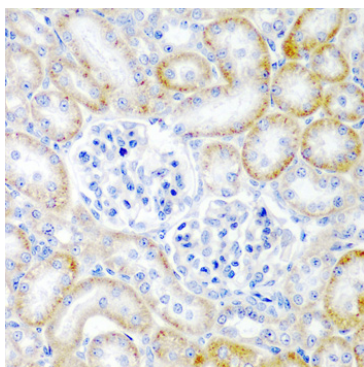
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Rat kidney using RLN2 Rabbit pAb (A6969) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.