

[Go to Product page](#)

## Datasheet for ABIN6992136 **anti-Relaxin 3 antibody (AA 80-130)**

### Overview

Quantity:	0.1 mg
Target:	Relaxin 3 (RLN3)
Binding Specificity:	AA 80-130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Relaxin 3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

### Product Details

Immunogen:	RLN3 antibody was raised against a 19 amino acid peptide near the center of human RLN3. The immunogen is located within amino acids 80 - 130 of RLN3.
Isotype:	IgG
Specificity:	RLN3 antibody is human specific. RLN3 antibody is predicted to not cross-react with other members of the Relaxin protein family.
Purification:	RLN3 antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	Relaxin 3 (RLN3)
Alternative Name:	RLN3 ( <a href="#">RLN3 Products</a> )

## Target Details

Background:	Relaxin-3 (RLN3) is a member of Relaxin family, a group of endocrine and autocrine/paracrine hormones that belong to the insulin gene superfamily (1,2). RLN3 can bind to and activate three relaxin-family peptide receptors: RXFP1, RXFP3, and RXFP4 (3). In contrast to the widespread expression of the related proteins RLN1 and RLN2, RLN3 is predominantly expressed in brain and to a lesser extent in the thymus, kidney and spleen (1). RLN3 has been suggested to play a role in feeding, metabolism, stress, arousal, learning, and memory (4).
Molecular Weight:	Predicted: 16 kDa  Observed: 16 kDa
Gene ID:	117579
NCBI Accession:	<a href="#">NP_543140</a>
UniProt:	<a href="#">Q8WFX3</a>
Pathways:	<a href="#">Hormone Activity, cAMP Metabolic Process</a>

## Application Details

Application Notes:	RLN3 antibody can be used for detection of RLN3 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.  Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	RLN3 antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C

## Handling

---

Storage Comment: RLN3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.