

**Product Name: Relaxin 2 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe86476**



## Summary

<b>Production Name</b>	Relaxin 2 Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB, IHC-P
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	Relaxin 2
<b>Alternative Names</b>	H1; H1RLX; RLXH1; bA12D24.3.1; bA12D24.3.2
<b>Gene ID</b>	6013
<b>SwissProt ID</b>	P04090.

## Application

<b>Dilution Ratio</b>	WB: 1:1000-1:5000 IHC-P: 1:200-1:500
<b>Molecular Weight</b>	Calculated MW:21 kDa; Observed MW:21 kDa

## Background

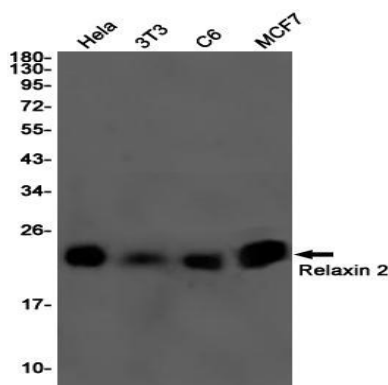
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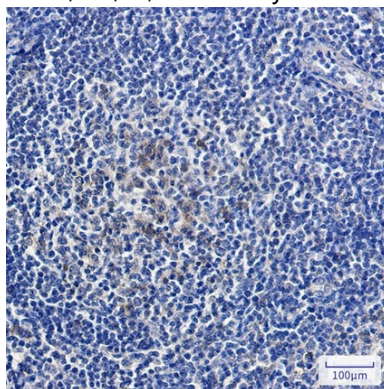
Relaxins are known endocrine and autocrine/paracrine hormones, belonging to the insulin gene superfamily. In humans there are three non-allelic relaxin genes, RLN1, RLN2 and RLN3, where RLN1 and RLN2 share high sequence homology. The protein encoded by this gene is synthesized as a single-chain polypeptide but the active form consists of an A chain and a B chain linked by disulfide bonds. Relaxin is produced by the ovary, and targets the mammalian reproductive system to ripen the cervix, elongate the pubic symphysis and inhibit uterine contraction. It may have additional roles in enhancing sperm motility, regulating blood pressure, controlling heart rate and releasing oxytocin and vasopressin. [provided by RefSeq, Jan 2013]

## Research Area

## Image Data

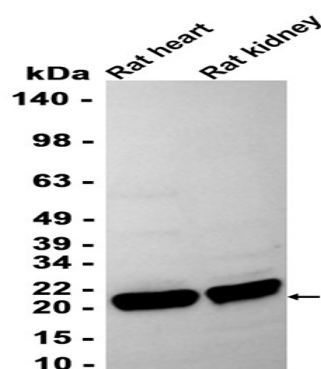


Western blot detection of Relaxin 2 in HeLa, 3T3, C6, MCF7 cell lysates using Relaxin 2 antibody (1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human tonsil using AMRe86476 antibody.

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Western blot analysis of extracts from Rat heart, Rat kidney tissue using AMRe86476 at 1:1000.

### **Note**

For research use only.