

RLN2

Reactivity: Human Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 21kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human RLN2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

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

Catalog #: A6969

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6019

Isotype: IgG

Swiss Prot: P04090

Purity: Affinity purification

For research use only.

Background:

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 active form of the protein encoded by this gene 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. Alternative splicing of this gene results in multiple transcript variants.

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