

Product datasheet for **BP2246**

Relaxin 2 (RLN2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, R
Recommended Dilution:	Suitable for use in ELISA (1 µg/ml), RIA (1 µg/ml) and Immunohistochemistry (5 µg/ml).
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Purified human Relaxin-2
Specificity:	Does not cross-react with Insulin, Zn-Insulin, IGF-1, IGF-2, Spermolaxin, Inhibin alpha subunit, Inhibin, Seminal-Plasma-Inhibin-like peptide, CG, LH, FSH, Prolactin and Ubiquitin.
Formulation:	Lyophilized from 50mM Tris, pH 7.5 without preservatives State: Purified State: Lyophilized purified Ig fraction.
Reconstitution Method:	Reconstitute in 10 µl double distilled water.
Concentration:	lot specific
Purification:	Protein G chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized product at 2-8 °C. After reconstitution, store at -20 °C. Avoid repeated freezing and thawing. Should this product contain a precipitate we recommend microcentrifugation before use.
Stability:	Shelf life: one year from despatch.
Gene Name:	relaxin 2
Database Link:	Entrez Gene 6019 Human P04090



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Background:

Relaxin is a peptide hormone produced by the corpora lutea of ovaries during pregnancy in many mammalian species, including man. The secretion of the hormone into the blood stream just before parturition results in a marked softening and lengthening of the pubic symphysis and a softening of the cervix, which facilitates the birth process. By inhibiting uterine contractions, relaxin may influence the timing of parturition. Like insulin, relaxin consists of two peptide chains, A and B, covalently linked by disulfide bonds. By further analogy to insulin, the two peptides are synthesized as a single-chain precursor polypeptide with the B chain at the NH₂-terminus.

Synonyms:

Relaxin H2, Prorelaxin H2, Pro-Relaxin 2, RLXH2, Relaxin A chain, Relaxin B chain