



REL1 Monoclonal Antibody

Catalog No	YP-mAb-06899
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB
Gene Name	RLN1
Protein Name	Prorelaxin H1 [Cleaved into: Relaxin B chain; Relaxin A chain]
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	REL1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	20kD
Cell Pathway	Secreted.
Tissue Specificity	Prostate. Not expressed in placenta, decidua or ovary.
Function	function:Relaxin is an ovarian hormone that acts with estrogen to produce dilatation of the birth canal in many mammals. May be involved in remodeling of connective tissues during pregnancy, promoting growth of pubic ligaments and ripening of the cervix.,similarity:Belongs to the insulin family.,subunit:Heterodimer of a B chain and an A chain linked by two disulfide bonds.,tissue specificity:Prostate. Not expressed in placenta, decidua or ovary.,
Background	relaxin 1(RLN1) Homo sapiens 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



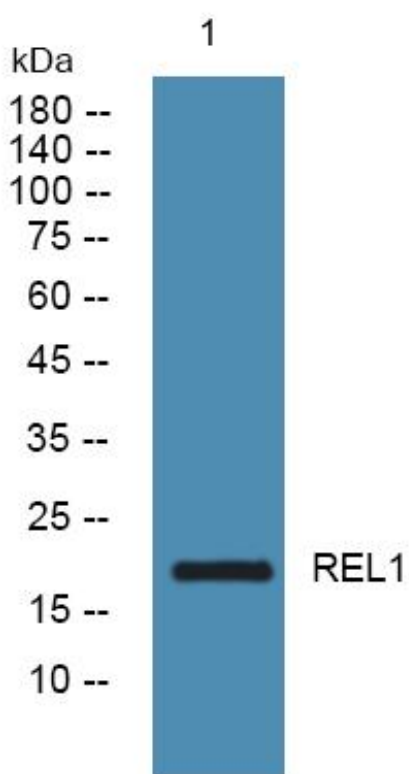
heart rate and releasing oxytocin and vasopressin. [provided by RefSeq, Jan 2013],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using REL1 Monoclonal Antibody