

Rabbit anti-Human RLN2 Polyclonal Antibody | anti-RLN2 antibody

RLN2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322764	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

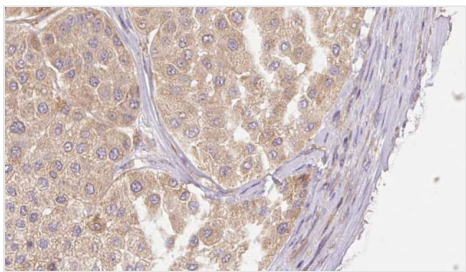
PRODUCT SYNONYMS

RLN2; Polyclonal Antibody; RLN2 Antibody; H1; H1RLX; Preprorelaxin H1; Prorelaxin; Prorelaxin H1; REL1_HUMAN; Relaxin A chain; Relaxin H1; RLN 1; Rln1; RLXH1; anti-RLN2 antibody

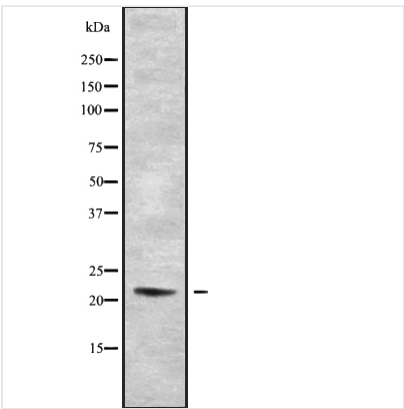
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	RLN2 antibody detects endogenous levels of total RLN2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	117
Applicable Applications for anti-RLN2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human RLN2
Subcellular Location	Secreted.
Tissue Specificity	Isoform 1 is expressed in the ovary during pregnancy. Also expressed in placenta, decidua and prostate. Isoform 2 is relatively abundant in placenta. It is in much lower abundance in the prostate gland. Not detected in the ovary.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA322764 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of RLN2 using HeLa whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-RLN2 antibody	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. Subunit Structure: Heterodimer of a B chain and an A chain linked by two disulfide bonds. Similarity: Belongs to the insulin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20143935
NCBI GeneID	6019
NCBI Accession #	NP_005050.2
NCBI GenBank Nucleotide #	NM_005059.3
UniProt Accession #	P04090; Q99936; Q9UCX3; Q9UQJ2; A0AVM0
Molecular Weight	Observed: 21 kDa Predicted: 22 kDa
NCBI Official Full Name	prorelaxin H2 isoform 2
NCBI Official Synonym Full Names	relaxin 2
NCBI Official Symbol	RLN2
NCBI Official Synonym Symbols	H2; RLXH2; H2-RLX; bA12D24.1.1; bA12D24.1.2
NCBI Protein Information	prorelaxin H2
UniProt Protein Name	Prorelaxin H2
UniProt Gene Name	RLN2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.