

DNAxPAb

Hard-to-Find Antibody

RLN1 DNAxPab

Catalog # H00006013-W01P Size 200 ug

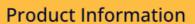
Specification	
Product Description	Rabbit polyclonal antibody raised against a full-length human RLN1 DNA using DNAx™ Immune tech nology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MPRLFLFHLLEFCLLLNQFSRAVAAKWKDDVIKLCGRELVRAQIAICGMSTWSKRSLSQEDAPQT PRPVAENPSFINKDTETIIIMLEFIANLPPELKAALSERQPSLPELQQYVPALKDSNLSFEEFKKLIR NRQSEAADSNPSELKYLGLDTHSQKKRRPYVALFEKCCLIGCTKRSLAKYC
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

Western Blot (Transfected lysate)

Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)





Gene Info — RLN1	
Entrez GenelD	6013
GeneBank Accession#	NM_006911.2
Protein Accession#	NP_008842.1
Gene Name	RLN1
Gene Alias	H1, RLXH1, bA12D24.3.1, bA12D24.3.2
Gene Description	relaxin 1
Omim ID	<u>179730</u>
Gene Ontology	<u>Hyperlink</u>
Gene Summary	Relaxins are known endocrine and autocrine/paracrine hormones, belonging to the insulin gene s uperfamily. In the human there are three non-allelic relaxin genes, RLN1, RLN2 and RLN3. RLN1 a nd RLN2 share high sequence homology. This encoded protein is synthesized as a single-chain p olypeptide but the active form consists of an A chain and a B chain linked by disulfide bonds; how ever, their exact cleavage sites have not been described. Relaxin is produced by the ovary, and ta rgets the mammalian reproductive system to ripen the cervix, elongate the pubic symphysis and in hibit uterine contraction. It may have additional roles in enhancing sperm motility, regulating blood pressure, controlling heart rate and releasing oxytocin and vasopressin. This gene has multiple po lyadenylation sites. There are multiple alternatively spliced transcript variants described for this ge ne but their full length nature is not known yet. [provided by RefSeq
Other Designations	OTTHUMP00000021026 preprorelaxin H1 prorelaxin relaxin H1

Disease

- Genetic Predisposition to Disease
- Premature Birth