

Rabbit anti-Human RLN3 Polyclonal Antibody | anti-RLN3 antibody

RLN3 Antibody

CATALOG # AAA40655	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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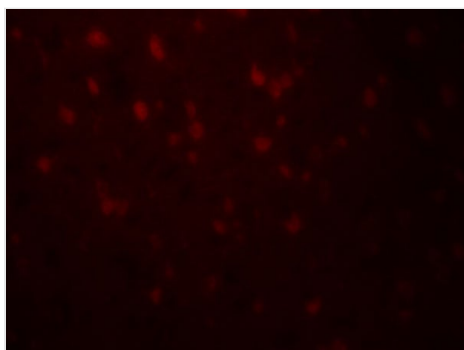
PRODUCT SYNONYMS

RLN3; Polyclonal Antibody; RLN3 Antibody; Relaxin-3; RXN3; H3; ZINS4; INSL7; relaxin 3; anti-RLN3 antibody

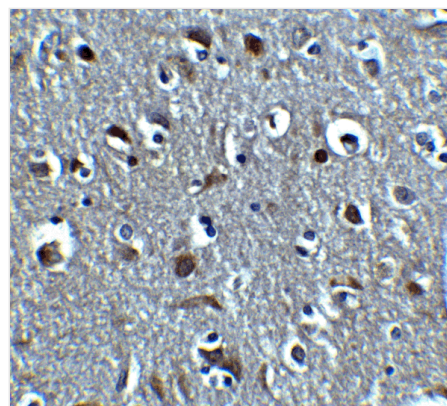
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	RLN3 antibody is human specific. RLN3 antibody is predicted to not cross-react with other members of the Relaxin protein family.
Purity/Purification	RLN3 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	142
Applicable Applications for anti-RLN3 antibody	WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	RLN3 antibody was raised against a 19 amino acid peptide near the center of human RLN3.
Buffer	RLN3 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	RLN3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

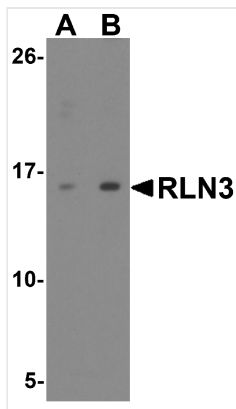
IMAGES


IF (Immunofluorescence)

Immunofluorescence of RLN3 in human brain tissue with RLN3 antibody at 20 µg/mL.


IHC (Immunohistochemistry)

Immunohistochemistry of RLN3 in human brain tissue with RLN3 antibody at 5 µg/mL.



WB (Western Blot)

Western blot analysis of RLN3 in HeLa cell lysate with RLN3 antibody at (A) 1 and (B) 2 μg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-RLN3 antibody

Relaxin-3 (RLN3) is a member of Relaxin family, a group of endocrine and autocrine/paracrine hormones that belong to the insulin gene superfamily (1,2). RLN3 can bind to and activate three relaxin-family peptide receptors: RXFP1, RXFP3, and RXFP4 (3). In contrast to the widespread expression of the related proteins RLN1 and RLN2, RLN3 is predominantly expressed in brain and to a lesser extent in the thymus, kidney and spleen (1). RLN3 has been suggested to play a role in feeding, metabolism, stress, arousal, learning, and memory (4).

NCBI AND UNIPROT INFORMATION

NCBI GI #	18254464
NCBI GeneID	117579
NCBI Accession #	NP_543140
NCBI GenBank Nucleotide #	NM_080864.2
UniProt Accession #	Q8WFX3; Q6UXW5; Q8WXF3
Molecular Weight	Predicted: 16 kDa Observed: 20 kDa
NCBI Official Full Name	relaxin-3 preproprotein
NCBI Official Synonym Full Names	relaxin 3
NCBI Official Symbol	RLN3
NCBI Official Synonym Symbols	H3; RXN3; ZINS4; insl7
NCBI Protein Information	relaxin-3; prorelaxin H3; insulin-like 7; insulin-like peptide 7; insulin-like peptide INSL7
UniProt Protein Name	Relaxin-3
UniProt Gene Name	RLN3
UniProt Synonym Gene Names	INSL7; RXN3; ZINS4; Insulin-like peptide 7
UniProt Entry Name	REL3_HUMAN

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.