

Rabbit Rnls Polyclonal Antibody | anti-RNLS antibody

Rnls antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200950	Rabbit	Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot

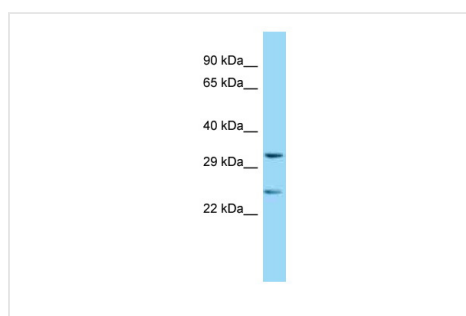
PRODUCT SYNONYMS

Rnls; Polyclonal Antibody; Rnls antibody - middle region; anti-RNLS antibody

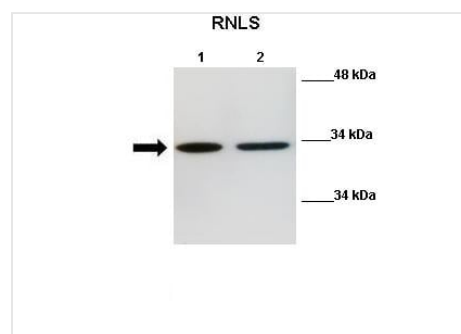
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GM KIGVPWSCR Y LSSHPICFI SIDNKKRNI SSECGPSVVI QTTVPFGV
Sequence Length	300
Applicable Applications for anti-RNLS antibody	WB (Western Blot)
Homology	Dog: 79%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

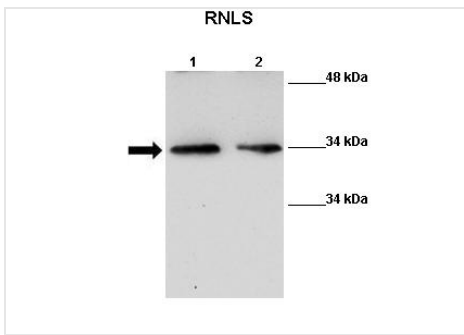
IMAGES


WB (Western Blot)

WB Suggested Anti-Rnls Antibody Titration: 1.0 ug/ml Positive Control: Mouse Heart

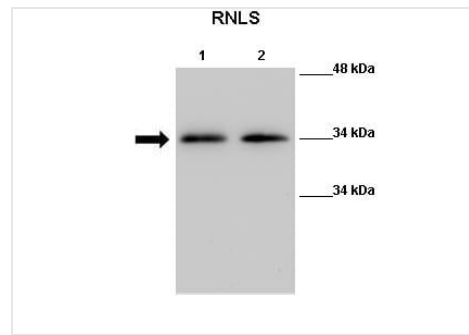

WB (Western Blot)

WB Suggested Anti-Rnls Antibody Positive Control: Lane 1: 40ug Mouse N2a cell lysate Lane 2: 40ug Mouse N2a cell lysate Primary Antibody Dilution : 1:500 Secondary Antibody : Anti-rabbit-HRP Secondary Antibody Dilution : 1:2500 Submitted by: Nitish R Mahapatra, IIT Madras



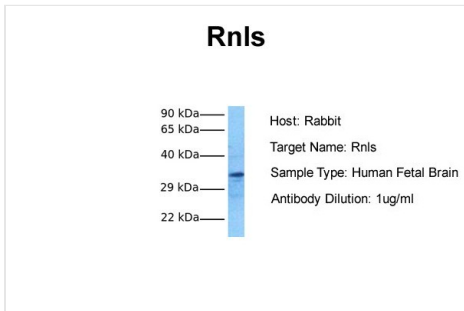
WB (Western Blot)

WB Suggested Anti-Rnls Antibody Positive Control: Lane 1: 40ug Mouse liver tissue lysate Lane 2: 40ug Mouse liver tissue lysate Primary Antibody Dilution : 1:500 Secondary Antibody : Anti-rabbit-HRP Secondary Antibody Dilution : 1:2500 Submitted by: Nitish R Mahapatra, IIT Madras



WB (Western Blot)

WB Suggested Anti-Rnls Antibody Positive Control: Lane 1: 40ug Mouse kidney tissue lysate Lane 2: 40ug Mouse kidney tissue lysate Primary Antibody Dilution : 1:500 Secondary Antibody : Anti-rabbit-HRP Secondary Antibody Dilution : 1:2500 Submitted by: Nitish R Mahapatra, IIT Madras



WB (Western Blot)

Host: Rabbit Target Name: Rnls Sample Tissue: Human Fetal Brain Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-RNLS antibody	This is a rabbit polyclonal antibody against Rnls. It was validated on Western Blot Target Description: Rnls is a probable FAD-dependent amine oxidase secreted by the kidney, which circulates in blood and modulates cardiac function and systemic blood pressure. It degrades catecholamines such as dopamine, norepinephrine and epinephrine in vitro. It lowers blood pressure in vivo by decreasing cardiac contractility and heart rate and preventing a compensatory increase in peripheral vascular tone, suggesting a causal link to the increased plasma catecholamine and heightened cardiovascular risk. High concentrations of catecholamines activate plasma renalase and promotes its secretion and synthesis.
Product Categories/Family for anti-RNLS antibody	Polyclonal; Developmental Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	268370211
NCBI GeneID	67795
NCBI Accession #	NP_001161290
NCBI GenBank Nucleotide #	NM_001167818
UniProt Accession #	A7RDN6
Molecular Weight	33kDa
NCBI Official Full Name	renalase isoform 1
NCBI Official Synonym Full Names	renalase, FAD-dependent amine oxidase
NCBI Official Symbol	Rnls

NCBI Official Synonym Symbols	AI452315; AW060440; C10orf59; 6530404N21Rik
NCBI Protein Information	renalase
UniProt Protein Name	Renalase
UniProt Gene Name	Rnls
UniProt Synonym Gene Names	MAO-C; mMAO-C

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/rnls-antibody-western-blot-elisa/200950>