

Rabbit CRLS1 Polyclonal Antibody | anti-CRLS1 antibody

CRLS1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199998	Rabbit	Tested: Human Predicted: Cow, Dog, Guinea Pig, Horse, Mouse, Rabbit, Rat, Zebrafish	Western Blot

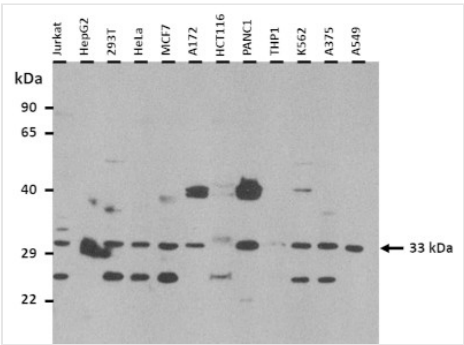
PRODUCT SYNONYMS

CRLS1; Polyclonal Antibody; CRLS1 antibody - middle region; anti-CRLS1 antibody

PRODUCT SPECIFICATIONS

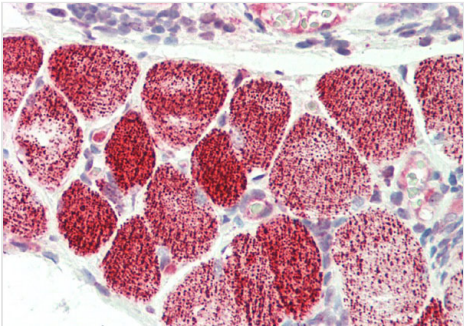
Host	Rabbit
Reactivity	Tested: Human Predicted: Cow, Dog, Guinea Pig, Horse, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: WT IPNMLSMTRI GLAPVLGYLI IEEDFNIALG VFALAGLTDL LDGFIARN
Sequence Length	301
Applicable Applications for anti-CRLS1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CRLS1
Protein Interactions	FBXO15; PINK1; UBC; MCM6; MCM7
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



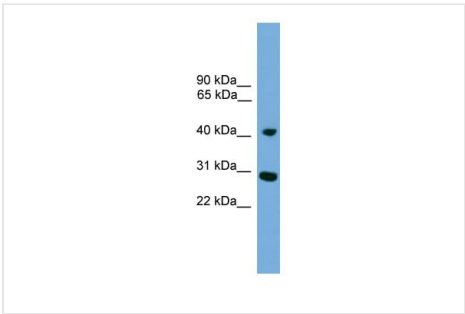
SDS_PAGE

25 ug of the indicated Human whole cell extracts was loaded onto a 12% SDS-PAGE gel. 0.5 ug/mL of the antibody was used in this experiment. 33 kDa and 23 kDa isoforms contain the peptide sequence.



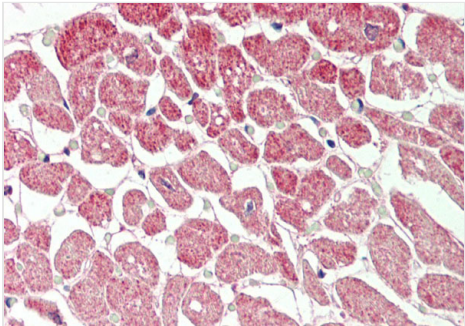
IHC (Immunohistochemistry)

Rabbit Anti-CRLS1 antibodyFormalin Fixed Paraffin Embedded Tissue: Human Tonsil, Skeletal MyocytesPrimary antibody Concentration: 1:100Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20xExposure Time: 0.5-2.0sec



WB (Western Blot)

WB Suggested Anti-CRLS1 Antibody Titration: 0.2-1 ug/mlPositive Control: Human Muscle



IHC (Immunohistochemistry)

Rabbit Anti-CRLS1 antibodyFormalin Fixed Paraffin Embedded Tissue: Human HeartPrimary antibody Concentration: 1:100Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20xExposure Time: 0.5-2.0sec

ADDITIONAL INFORMATION

Related Product Information for anti-CRLS1 antibody	This is a rabbit polyclonal antibody against CRLS1. It was validated on Western Blot Target Description: CRLS1 catalyzes the reversible phosphatidyl group transfer from one phosphatidylglycerol molecule to another to form cardiolipin (CL) (diphosphatidylglycerol) and glycerol.
Product Categories/Family for anti-CRLS1 antibody	Polyclonal; Signal Proteins; Cell Biology; Developmental Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	10092647
NCBI GeneID	54675
NCBI Accession #	NP_061968
NCBI GenBank Nucleotide #	NM_019095
UniProt Accession #	Q9UJA2
Molecular Weight	33kDa
NCBI Official Full Name	cardiolipin synthase (CMP-forming) isoform 1
NCBI Official Synonym Full Names	cardiolipin synthase 1
NCBI Official Symbol	CRLS1

NCBI Official Synonym Symbols	CLS; CLS1; GCD10; C20orf155; dJ967N21.6
NCBI Protein Information	cardiolipin synthase (CMP-forming)
UniProt Protein Name	Cardiolipin synthase
UniProt Gene Name	CRLS1
UniProt Synonym Gene Names	C20orf155; CLS1; CLS
UniProt Entry Name	CRLS1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/crls1-antibody-western-blot-elisa/199998>