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CRLS1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5423b

Specification

CRLS1 Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q9UJA2
Other Accession	Q5U2V5, Q80ZM8, NP_001120930.1, NP_061968.1
Reactivity	**Human**
Predicted	**Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**32593**
Antigen Region	**198-226**

CRLS1 Antibody (C-term) - Additional Information

Gene ID 54675

Other Names
Cardiolipin synthase, CLS, 278-, Protein GCD10 homolog, CRLS1, C20orf155, CLS1

Target/Specificity
This CRLS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 198-226 amino acids from the C-terminal region of human CRLS1.

Dilution
WB~~1:1000
IHC-P~~1:50~100

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
CRLS1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CRLS1 Antibody (C-term) - Protein Information

Name CRLS1

Synonyms C20orf155, CLS1

Function Catalyzes the synthesis of cardiolipin (CL) (diphosphatidylglycerol) by specifically transferring a phosphatidyl group from CDP-diacylglycerol to phosphatidylglycerol (PG). CL is a key phospholipid in mitochondrial membranes and plays important roles in maintaining the functional integrity and dynamics of mitochondria under both optimal and stress conditions.

Cellular Location
Mitochondrion inner membrane; Multi-pass membrane protein

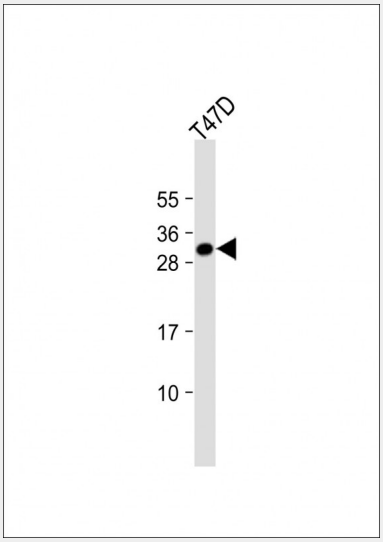
Tissue Location
Highly expressed in tissues such as heart, skeletal muscle and liver.

CRLS1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CRLS1 Antibody (C-term) - Images



Anti-CRLS1 Antibody (C-term) at 1:1000 dilution + T47D whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 33 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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CRLS1 Antibody (C-term) (Cat. #AP5423b) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CRLS1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

CRLS1 Antibody (C-term) - References

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