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ADPRHL1 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP9063a

Specification

ADPRHL1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q8NDY3

ADPRHL1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 113622

Other Names
[Protein ADP-ribosylarginine] hydrolase-like protein 1, 32--, ADP-ribosylhydrolase 2, ADPRHL1, ARH2

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP9063a was selected from the N-term region of human ADPRHL1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ADPRHL1 Antibody (N-term) Blocking Peptide - Protein Information

Name ADPRHL1

Synonyms ARH2

Function
Required for myofibril assembly and outgrowth of the cardiac chambers in the developing heart (By similarity). Appears to be catalytically inactive, showing no activity against O-acetyl-ADP-ribose (By similarity).

Cellular Location
Cytoplasm, myofibril, sarcomere {ECO:0000250|UniProtKB:Q6AZR2}

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ADPRHL1 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

ADPRHL1 Antibody (N-term) Blocking Peptide - Images

ADPRHL1 Antibody (N-term) Blocking Peptide - Background

ADPRHL1 is a reversible posttranslational modification used to regulate protein function. ADP-ribosyltransferases (see ART1; MIM 601625) transfer ADP-ribose from NAD+ to the target protein, and ADP-ribosylhydrolases, such as ADPRHL1, reverse the reaction.

ADPRHL1 Antibody (N-term) Blocking Peptide - References

Dunham,A., et.al., Nature 428 (6982), 522-528 (2004)Glowacki,G., et.al., Protein Sci. 11 (7), 1657-1670 (2002)