

ADPRH Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP2301a**Specification**

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

Primary Accession [P54922](#)

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

Gene ID 141

Other Names

[Protein ADP-ribosylarginine] hydrolase, ADP-ribosylarginine hydrolase, ADP-ribose-L-arginine cleaving enzyme, ADPRH, ARH1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP2301a](/product/products/AP2301a) was selected from the N-term region of human ADPRH . 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.

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

Name ADPRH

Synonyms ARH1

Function

Specifically acts as an arginine mono-ADP-ribosylhydrolase by mediating the removal of mono-ADP-ribose attached to arginine residues on proteins.

ADPRH Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ADPRH Antibody (N-term) Blocking Peptide - Images

ADPRH Antibody (N-term) Blocking Peptide - Background

ADPRH catalyzes removal of mono-ADP-ribose from arginine residues of proteins in the ADP-ribosylation cycle. Unlike the rat and mouse enzymes, which require DTT for maximal activity, the human enzyme is DTT-independent.

ADPRH Antibody (N-term) Blocking Peptide - References

Takada, T., et al., J. Biol. Chem. 268(24):17837-17843 (1993).