

ADPRH Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20001b

Product Information

Application	WB, E
Primary Accession	P54922
Other Accession	Q32KR8 , NP_001116.1
Reactivity	Human
Predicted	Bovine, Mouse, Rat, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB42002
Calculated MW	39507
Antigen Region	306-334

Additional Information

Gene ID	141
Other Names	[Protein ADP-ribosylarginine] hydrolase, ADP-ribosylarginine hydrolase, ADP-ribose-L-arginine cleaving enzyme, ADPRH, ARH1
Target/Specificity	This ADPRH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 306-334 amino acids from the C-terminal region of human ADPRH.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
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	ADPRH Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

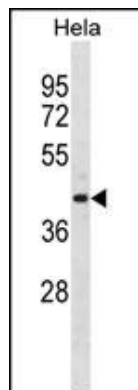
Background

The enzyme encoded by this gene 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.

References

Kernstock, S., et al. Acta Crystallogr. Sect. F Struct. Biol. Cryst. Commun. 65 (PT 5), 529-532 (2009) :
Lamesch, P., et al. Genomics 89(3):307-315(2007)
Weber, F., et al. J. Clin. Endocrinol. Metab. 90(2):1149-1155(2005)
Glowacki, G., et al. Protein Sci. 11(7):1657-1670(2002)
Zolkiewska, A., et al. Adv. Exp. Med. Biol. 419, 297-303 (1997) :

Images



ADPRH Antibody (C-term) (Cat. #AP20001b) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the ADPRH antibody detected the ADPRH protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.