

Datasheet for ABIN7155254
anti-HINT1 antibody (AA 2-126) (Biotin)



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Overview

Quantity:	100 µg
Target:	HINT1
Binding Specificity:	AA 2-126
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HINT1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Histidine triad nucleotide-binding protein 1 protein (2-126AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	HINT1
Alternative Name:	HINT1 (HINT1 Products)
Background:	Background: Hydrolyzes purine nucleotide phosphoramidates with a single phosphate group, including adenosine 5'-monophosphoramidate (AMP-NH ₂), adenosine

Target Details

5\'monophosphomorpholidate (AMP-morpholidate) and guanosine 5\'monophosphomorpholidate (GMP-morpholidate). Hydrolyzes lysyl-AMP (AMP-N-epsilon-(N-alpha-acetyl lysine methyl ester)) generated by lysine tRNA ligase, as well as Met-AMP, His-AMP and Asp-AMP, lysyl-GMP (GMP-N-epsilon-(N-alpha-acetyl lysine methyl ester)) and AMP-N-alanine methyl ester. Can also convert adenosine 5\'-O-phosphorothioate and guanosine 5\'-O-phosphorothioate to the corresponding nucleoside 5\'-O-phosphates with concomitant release of hydrogen sulfide. In addition, functions as scaffolding protein that modulates transcriptional activation by the LEF1/TCF1-CTNNB1 complex and by the complex formed with MITF and CTNNB1. Modulates p53/TP53 levels and p53/TP53-mediated apoptosis. Modulates proteasomal degradation of target proteins by the SCF (SKP2-CUL1-F-box protein) E3 ubiquitin-protein ligase complex.

Aliases: Adenosine 5' monophosphoramidase antibody, Adenosine 5"-monophosphoramidase antibody, HINT 1 antibody, HINT1 antibody, HINT1_HUMAN antibody, Histidine triad nucleotide binding protein 1 antibody, Histidine triad nucleotide-binding protein 1 antibody, PKCI 1 antibody, PKCI-1 antibody, PKCI1 antibody, PRKCNH1 antibody, Protein kinase C inhibitor 1 antibody, Protein kinase C interacting protein 1 antibody, Protein kinase C-interacting protein 1 antibody

UniProt: [P49773](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.