



[Go to Product page](#)

Datasheet for ABIN7155253
anti-HINT1 antibody (AA 2-126)

2 Images

Overview

Quantity:	100 µg
Target:	HINT1
Binding Specificity:	AA 2-126
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HINT1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

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: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

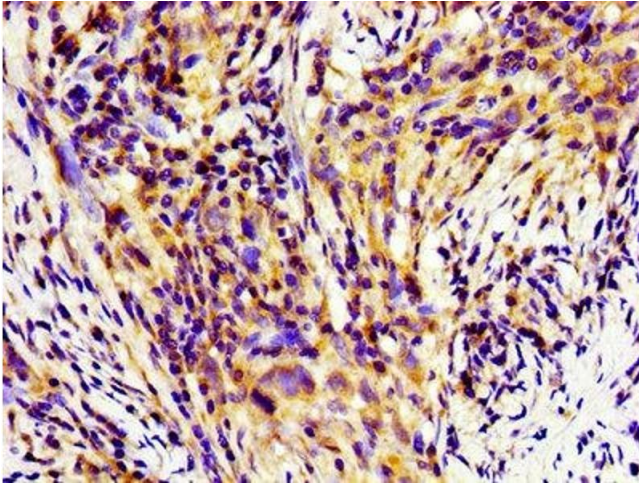
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

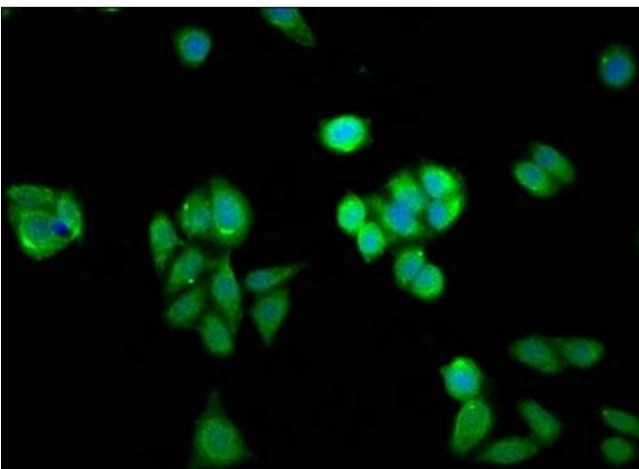
Storage: -20 °C,-80 °C

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



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human pancreatic cancer using ABIN7155253 at dilution of 1:100



Immunofluorescence

Image 2. Immunofluorescent analysis of HepG2 cells using ABIN7155253 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)