



[Go to Product page](#)

Datasheet for ABIN7161574
anti-NAMPT antibody (AA 1-280)

4 Images

Overview

Quantity:	100 µg
Target:	NAMPT
Binding Specificity:	AA 1-280
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAMPT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Nicotinamide phosphoribosyltransferase protein (1-280AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	NAMPT
Alternative Name:	NAMPT (NAMPT Products)
Background:	Background: Catalyzes the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide, an intermediate in the biosynthesis of

Target Details

NAD. It is the rate limiting component in the mammalian NAD biosynthesis pathway. The secreted form behaves both as a cytokine with immunomodulating properties and an adipokine with anti-diabetic properties, it has no enzymatic activity, partly because of lack of activation by ATP, which has a low level in extracellular space and plasma. Plays a role in the modulation of circadian clock function. NAMPT-dependent oscillatory production of NAD regulates oscillation of clock target gene expression by releasing the core clock component: CLOCK-ARNTL/BMAL1 heterodimer from NAD-dependent SIRT1-mediated suppression (By similarity).

Aliases: 1110035014Rik antibody, AI314458 antibody, AI480535 antibody, DKFZP666B131 antibody, EC 2.4.2.12 antibody, MGC117256 antibody, NAmPRTase antibody, Nampt antibody, NAMPT_HUMAN antibody, Nicotinamide phosphoribosyltransferase antibody, PBEF 1 antibody, PBEF antibody, PBEF1 antibody, Pre B cell colony enhancing factor 1 antibody, Pre B cell colony enhancing factor antibody, Pre B cell enhancing factor antibody, Pre-B cell-enhancing factor antibody, Pre-B-cell colony-enhancing factor 1 antibody, VF antibody, Visfatin antibody

UniProt: [P43490](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

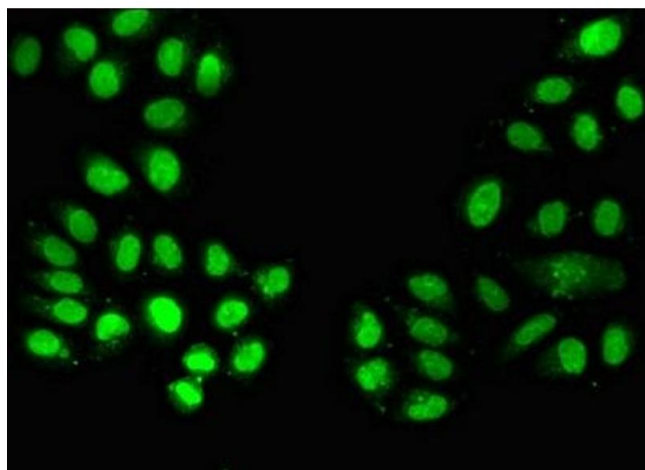
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

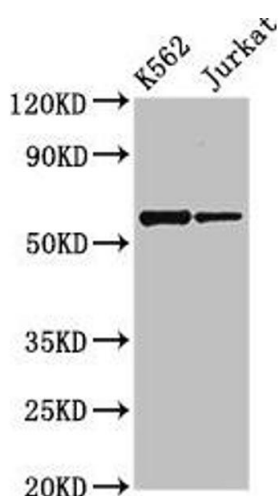
Storage: -20 °C,-80 °C

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



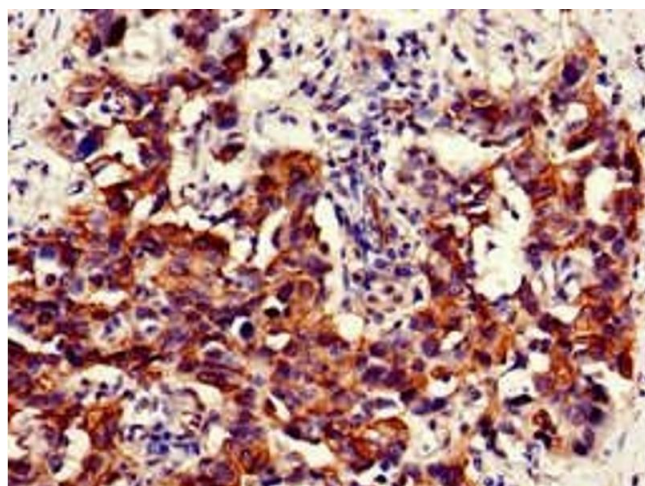
Immunofluorescence

Image 1. Immunofluorescent analysis of A549 cells using ABIN7161574 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western Blot Positive WB detected in: K562 whole cell lysate, Jurkat whole cell lysate All lanes: NAMPT antibody at 2.7 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 56 kDa Observed band size: 56 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human bladder cancer using ABIN7161574 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7161574.