

Datasheet for ABIN7156249
anti-ING3 antibody (AA 51-223)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	ING3
Binding Specificity:	AA 51-223
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ING3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Inhibitor of growth protein 3 protein (51-223AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	ING3
Alternative Name:	ING3 (ING3 Products)
Background:	Background: Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal

Target Details

histones H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when directly recruited to sites of DNA damage. Component of a SWR1-like complex that specifically mediates the removal of histone H2A.Z/H2AFZ from the nucleosome.

Aliases: ING3 antibody, HSPC301 antibody, Inhibitor of growth protein 3 antibody, p47ING3 antibody

UniProt: [Q9NXR8](#)

Application Details

Application Notes: Recommended dilution: WB:1:2000-1:10000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

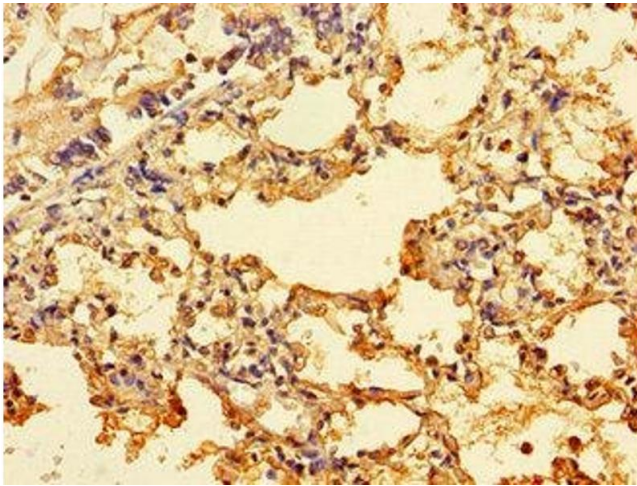
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

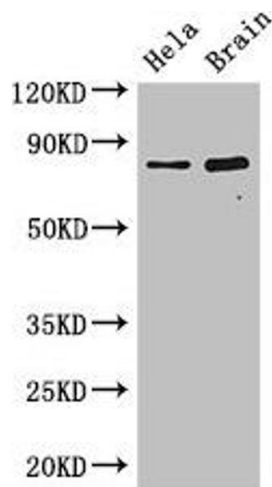
Storage: -20 °C,-80 °C

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



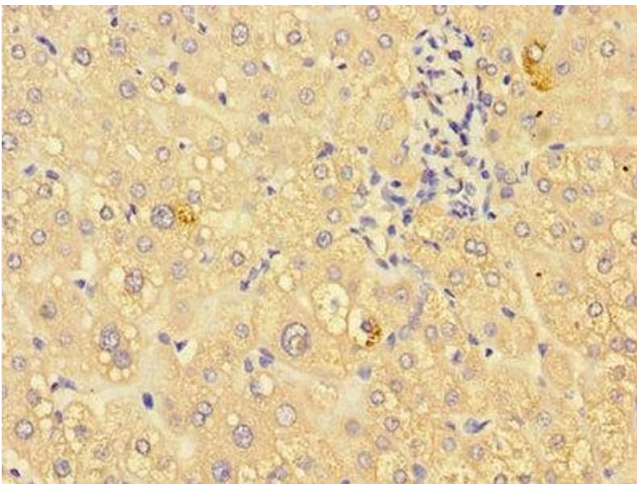
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human lung tissue using ABIN7156249 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: HeLa whole cell lysate, Mouse brain tissue All lanes: DACH1 antibody at 2.8 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 47, 12 kDa Observed band size: 79 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human liver tissue using ABIN7156249 at dilution of 1:100