

Datasheet for ABIN7162487  
**anti-SIN3B antibody (AA 705-769)**[Go to Product page](#)

## 2 Images

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µg   |
| Target:              | SIN3B  |
| Binding Specificity: | AA 705-769   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This SIN3B antibody is un-conjugated                       |
| Application:         | ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC) |

## Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Recombinant Human Paired amphipathic helix protein Sin3b protein (705-769AA) |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human  |
| Purification:     | >95%, Protein G purified   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | SIN3B  |
| Alternative Name: | SIN3B ( <a href="#">SIN3B Products</a> )   |
| Background:       | Background: Acts as a transcriptional repressor. Interacts with MXI1 to repress MYC responsive genes and antagonize MYC oncogenic activities. Interacts with MAD-MAX |

## Target Details

heterodimers by binding to MAD. The heterodimer then represses transcription by tethering SIN3B to DNA. Also forms a complex with FOXK1 which represses transcription. With FOXK1, regulates cell cycle progression probably by repressing cell cycle inhibitor genes expression. Aliases: SIN3B antibody, KIAA0700 antibody, Paired amphipathic helix protein Sin3b antibody, Histone deacetylase complex subunit Sin3b antibody, Transcriptional corepressor Sin3b antibody

UniProt: [O75182](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

Format: Liquid

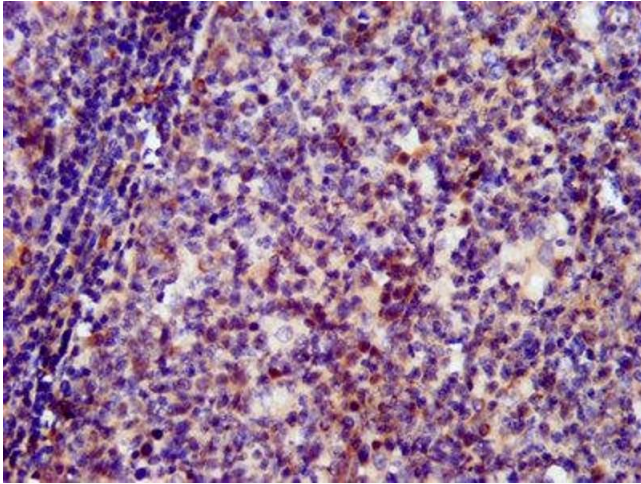
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

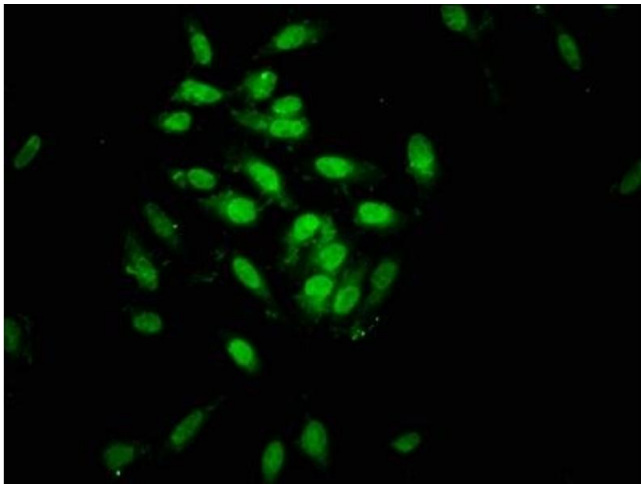
Storage: -20 °C, -80 °C

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



#### Immunohistochemistry

**Image 1.** IHC image of ABIN7162487 diluted at 1:400 and staining in paraffin-embedded human tonsil tissue performed on a Leica Bond™ system.



#### Immunofluorescence

**Image 2.** Immunofluorescence staining of HeLa cells with ABIN7162487 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).