

Datasheet for ABIN7151217
anti-SIAH1 antibody (AA 1-313)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	SIAH1
Binding Specificity:	AA 1-313
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIAH1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human E3 ubiquitin-protein ligase SIAH1 protein (1-313AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	SIAH1
Alternative Name:	SIAH1 (SIAH1 Products)
Background:	Background: E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent proteasomal degradation of target proteins. E3 ubiquitin ligases accept ubiquitin from an E2

Target Details

ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Mediates E3 ubiquitin ligase activity either through direct binding to substrates or by functioning as the essential RING domain subunit of larger E3 complexes. Triggers the ubiquitin-mediated degradation of many substrates, including proteins involved in transcription regulation (ELL2, MYB, POU2AF1, PML and RBBP8), a cell surface receptor (DCC), the cell-surface receptor-type tyrosine kinase FLT3, the cytoplasmic signal transduction molecules (KLF10/TIEG1 and NUMB), an antiapoptotic protein (BAG1), a microtubule motor protein (KIF22), a protein involved in synaptic vesicle function in neurons (SYP), a structural protein (CTNNB1) and SNCAIP. Confers constitutive instability to HIPK2 through proteasomal degradation. It is thereby involved in many cellular processes such as apoptosis, tumor suppression, cell cycle, axon guidance, transcription regulation, spermatogenesis and TNF- α signaling. Has some overlapping function with SIAH2. Induces apoptosis in cooperation with PEG3. Upon nitric oxid (NO) generation that follows apoptotic stimulation, interacts with S-nitrosylated GAPDH, mediating the translocation of GAPDH to the nucleus. GAPDH acts as a stabilizer of SIAH1, facilitating the degradation of nuclear proteins.

Aliases: E3 ubiquitin-protein ligase SIAH1 antibody, FLJ08065 antibody, hSIAH1 antibody, HUMSIAH antibody, Seven in absentia homolog 1 (Drosophila) antibody, Seven in absentia homolog 1 antibody, Siah 1 antibody, Siah 1a antibody, Siah E3 ubiquitin protein ligase 1 antibody, Siah-1 antibody, Siah-1a antibody, Siah1 antibody, SIAH1_HUMAN antibody, SIAH1A antibody, Ubiquitin ligase SIAH1 antibody

UniProt: [Q8IUQ4](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

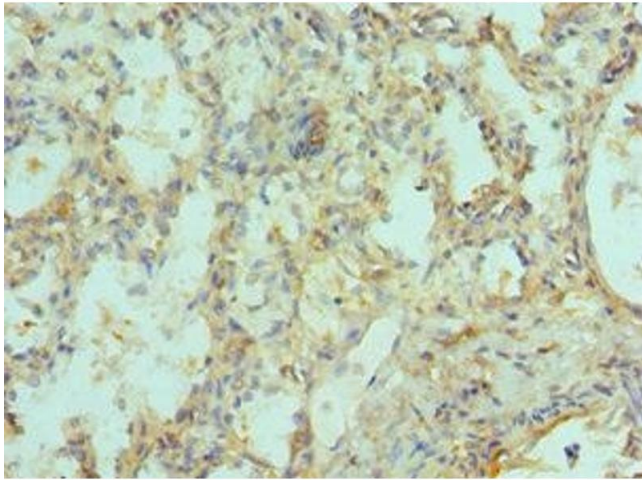
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Handling

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

Images



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human lung tissue using ABIN7151217 at dilution of 1:100