

Datasheet for ABIN701875
anti-SIAH1/2 antibody (AA 201-300)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	SIAH1/2
Binding Specificity:	AA 201-300
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIAH1/2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SIAH2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SIAH1/2
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Target Details

Alternative Name: [SIAH1/2 \(SIAH1/2 Products\)](#)

Background: Synonyms: Seven in Absentia Homolog 2, Ubiquitin Ligase Siah2, SIAH2_HUMAN, E3 ubiquitin-protein ligase SIAH2, Seven in absentia homolog 2, Siah-2, hSiah2, Siah-1, Siah-1a, E3 ubiquitin-protein ligase SIAH1, Seven in absentia homolog 1.

Background: Siah2 is a E3 Ubiquitin ligase protein that mediates ubiquitination and subsequent proteasomal degradation of target proteins. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfer the ubiquitin to targets. Siah2 triggers the ubiquitin-mediated degradation of many proteins, including transcription regulators (e.g. POU2AF1, PML, NCOR1), cell surface receptors (e.g. DCC), antiapoptotic proteins (e.g. BAG1), and proteins involved in synaptic vesicle function in neurons (e.g. SYP). Siah2 has some overlapping function with SIAH1 but is able to trigger the ubiquitin-mediated degradation of TRAF2, whereas SIAH1 can not.

Gene ID: 6478, 6477

UniProt: [O43255, Q8IUQ4](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

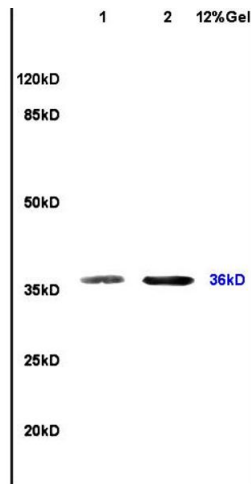
Handling

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Images



SDS-PAGE

Image 1. Lane 1: mouse spleen lysates Lane 2: mouse brain lysates probed with Anti SIAH2 Polyclonal Antibody, Unconjugated (ABIN701875) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 36kD. Observed band size: 36kD