

For Research Use Only

# SIAH1 Polyclonal antibody

Catalog Number: 13886-1-AP

Featured Product

4 Publications



## Basic Information

<b>Catalog Number:</b> 13886-1-AP	<b>GenBank Accession Number:</b> BC035562	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 350 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6477	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8IUQ4	
<b>Isotype:</b> IgG	<b>Full Name:</b> seven in absentia homolog 1 (Drosophila)	
<b>Immunogen Catalog Number:</b> AG4336	<b>Calculated MW:</b> 282 aa, 31 kDa	
	<b>Observed MW:</b> 60 kDa	

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse

### Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : HeLa cells, A549 cells, COLO 320 cells, HepG2 cells, Jurkat cells, mouse small intestine tissue

IHC : mouse testis tissue,

## Background Information

SIAH1, also named as HUMSIAH, Siah-1a and Siah-1S(21kd), belongs to the SINA (Seven in absentia) family. SIAH1 is known to cause indirect degradation of beta-catenin through formation of a complex with Siah-interacting protein (SIP), Skp1 and Ebi. SIAH1 can form heterodimer or homodimer such as Siah-1<sup>\*</sup>Siah-1(70 or 62kd), Siah-1<sup>\*</sup>Siah-1S(42kd) and Siah-1S<sup>\*</sup>Siah-1S(51-56kd). Importantly, results from in vitro soft agar assay demonstrated that Siah-1S displays a promotion effect on cells tumorigenicity. (PMID:17420721)

## Notable Publications

Author	Pubmed ID	Journal	Application
Yan Liu	35961388	Exp Cell Res	WB
Haijun Bao	38105184	J Exp Clin Cancer Res	WB
Chengming Zhang	37250786	iScience	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

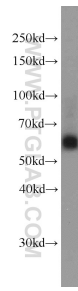
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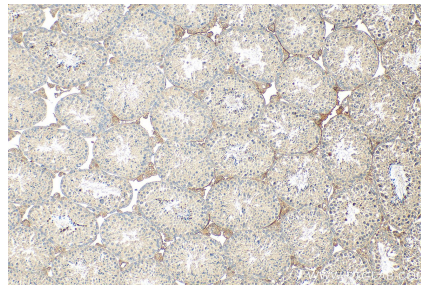
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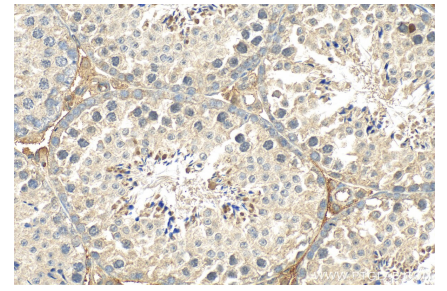
## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 13886-1-AP (SIAH1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 13886-1-AP (SIAH1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 13886-1-AP (SIAH1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).