

For Research Use Only

SIAH1 Polyclonal antibody

Catalog Number: 13886-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

13886-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4336

GenBank Accession Number:

BC035562

GeneID (NCBI):

6477

UNIPROT ID:

Q8IUQ4

Full Name:

seven in absentia homolog 1 (Drosophila)

Calculated MW:

282 aa, 31 kDa

Observed MW:

60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

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^{*}Siah-1(70 or 62kd), Siah-1^{*}Siah-1S(42kd) and Siah-1S^{*}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

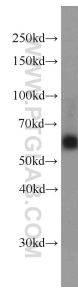
For technical support and original validation data for this product please contact:

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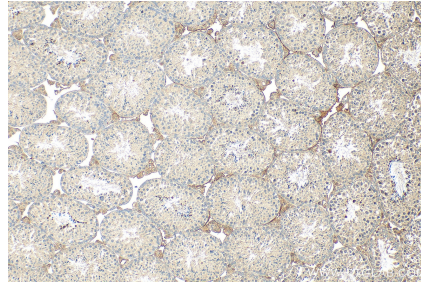
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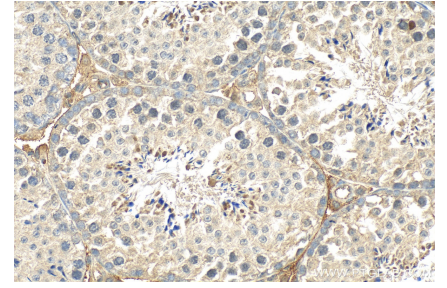
Selected Validation Data



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).