

For Research Use Only

SIAH1 Polyclonal antibody

Catalog Number: 13886-1-AP 1 Publications



Basic Information

Catalog Number: 13886-1-AP	GenBank Accession Number: BC035562	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6477	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: seven in absentia homolog 1 (Drosophila)	
Isotype: IgG	Calculated MW: 282 aa, 31 kDa	
Immunogen Catalog Number: AG4336	Observed MW: 60 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : HeLa cells, A549 cells, COLO 320 cells, HepG2 cells, Jurkat cells, mouse small intestine tissue
Species Specificity: human, mouse	IHC : mouse testis tissue,
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	

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
Yi Zeng	31693890	Cell Rep	WB

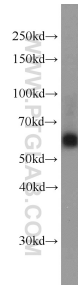
Storage

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

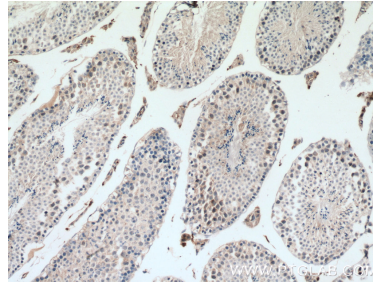
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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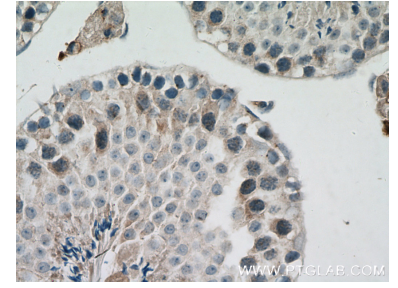
Selected Validation Data



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 1:100 (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 1:100 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).