

For Research Use Only

# SIAH1 Recombinant antibody, PBS Only

Catalog Number: 83389-4-PBS



## Basic Information

**Catalog Number:**

83389-4-PBS

**Size:**

100ug , Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG34618

**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:**

30-34 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

240377B4

## Applications

**Tested Applications:**

WB, IHC, ELISA

**Species Specificity:**

human, mouse

## 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)

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS Only

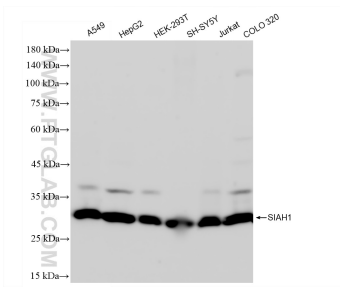
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

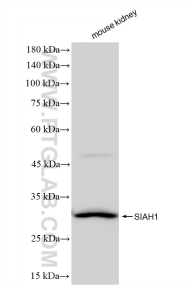
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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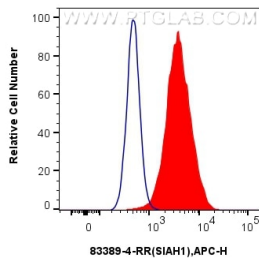
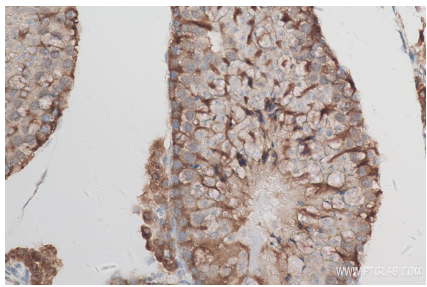
## Selected Validation Data



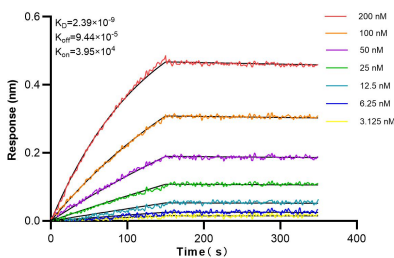
Various lysates were subjected to SDS PAGE followed by western blot with 83389-4-RR (SIAH1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83389-4-PBS in a different storage buffer formulation.



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 83389-4-RR (SIAH1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83389-4-PBS in a different storage buffer formulation.



1x10<sup>6</sup> A549 cells were intracellularly stained with 0.25 ug Siah1 Recombinant Antibody (83389-4-RR, Clone:240377B4) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83389-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83389-4-RR against Human SIAH1 were performed. The affinity constant is 2.39 nM.