

## SIAH1 Antibody

Catalog No: #32672

Package Size: #32672-1 50ul #32672-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

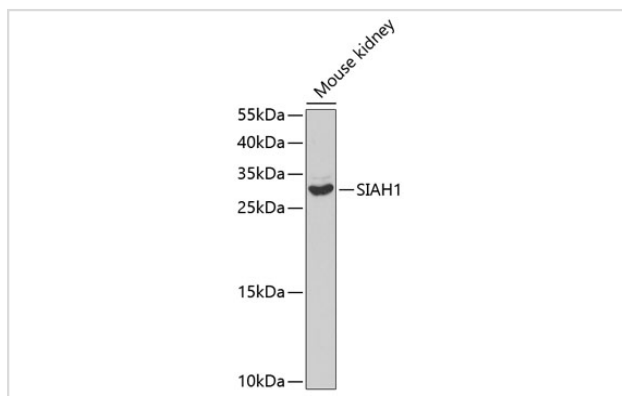
## Description

Product Name	SIAH1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total SIAH1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human SIAH1.
Target Name	SIAH1
Other Names	SIAH1A;
Accession No.	Swiss-Prot:Q8IUQ4NCBI Gene ID:6477
Uniprot	Q8IUQ4
GeneID	6477;
SDS-PAGE MW	31KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

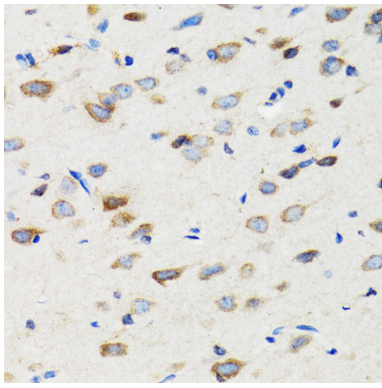
## Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

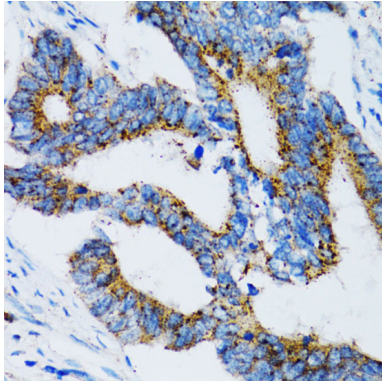
## Images



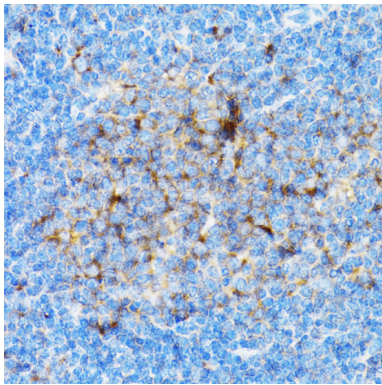
Western blot analysis of extracts of mouse kidney, using SIAH1 at 1:1000 dilution.



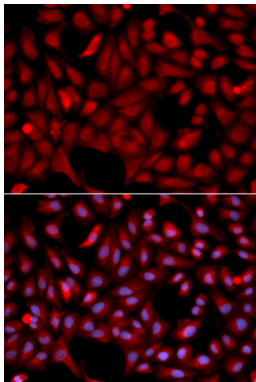
Immunohistochemistry of paraffin-embedded rat brain using SIAH1 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human colon carcinoma using SIAH1 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using SIAH1 at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U2OS cells using SIAH1 .  
Blue: DAPI for nuclear staining.

## Background

This gene encodes a protein that is a member of the seven in absentia homolog (SIAH) family. The protein is an E3 ligase and is involved in ubiquitination and proteasome-mediated degradation of specific proteins. The activity of this ubiquitin ligase has been implicated in the development of certain forms of Parkinson's disease, the regulation of the cellular response to hypoxia and induction of apoptosis. Alternative splicing results in several additional transcript variants, some encoding different isoforms and others that have not been fully characterized.

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Note: This product is for in vitro research use only