

Rabbit anti-Human SIAH2 Polyclonal Antibody | anti-SIAH2 antibody

SIAH2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234799	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

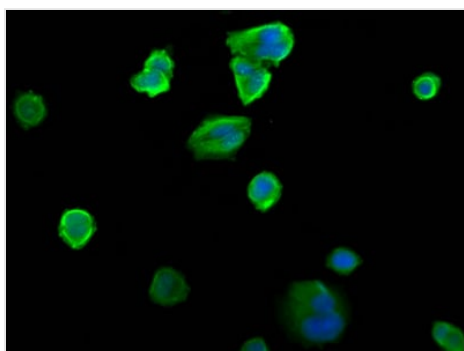
PRODUCT SYNONYMS

SIAH2; Polyclonal Antibody; SIAH2 Antibody; E3 ubiquitin-protein ligase SIAH2; RING-type E3 ubiquitin transferase SIAH2; Seven in absentia homolog 2; Siah-2; hSiah2; anti-SIAH2 antibody

PRODUCT SPECIFICATIONS

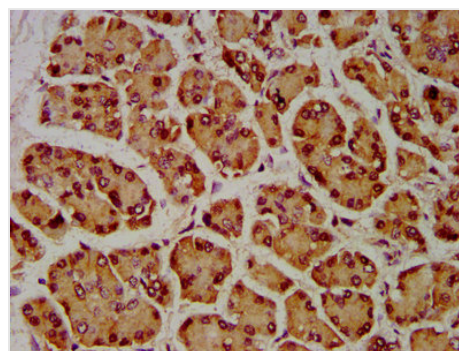
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	324
Applicable Applications for anti-SIAH2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human E3 ubiquitin-protein ligase SIAH2 protein (1-72AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



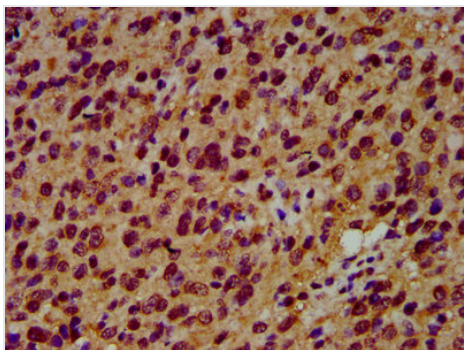
IHC (Immunohistochemistry)

Immunofluorescence staining of MCF-7 cells with AAA234799 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234799 diluted at 1:600 and staining in paraffin-embedded human pancreatic cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)
IHC image of AAA234799 diluted at 1:600 and staining in paraffin-embedded human glioma cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-SIAH2 antibody	E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent proteasomal degradation of target proteins. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Mediates E3 ubiquitin ligase activity either through direct binding to substrates or by functioning as the essential RING domain subunit of larger E3 complexes. Triggers the ubiquitin-mediated degradation of many substrates, including proteins involved in transcription regulation (POU2AF1, PML, NCOR1), a cell surface receptor (DCC), an antiapoptotic protein (BAG1), and a protein involved in synaptic vesicle function in neurons (SYP). Mediates ubiquitination and proteasomal degradation of DYRK2 in response to hypoxia. It is thereby involved in apoptosis, tumor suppression, cell cycle, transcription and signaling processes. Has some overlapping function with SIAH1. Triggers the ubiquitin-mediated degradation of TRAF2, whereas SIAH1 does not. Promotes monoubiquitination of SNCA.
Product Categories/Family for anti-SIAH2 antibody	Neuroscience; Cancer; Cell biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	31982899
NCBI GeneID	6478
NCBI Accession #	NP_005058.3
NCBI GenBank Nucleotide #	NM_005067.6
UniProt Accession #	O43255; O43270
Molecular Weight	34,615 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase SIAH2
NCBI Official Synonym Full Names	siah E3 ubiquitin protein ligase 2
NCBI Official Symbol	SIAH2
NCBI Official Synonym Symbols	hSiah2
NCBI Protein Information	E3 ubiquitin-protein ligase SIAH2
UniProt Protein Name	E3 ubiquitin-protein ligase SIAH2
UniProt Gene Name	SIAH2
UniProt Synonym Gene Names	Siah-2; hSiah2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/siah2-antibody-immunofluorescence-immunohistochemistry-elisa/234799>