

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

SIAH2 Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA163035	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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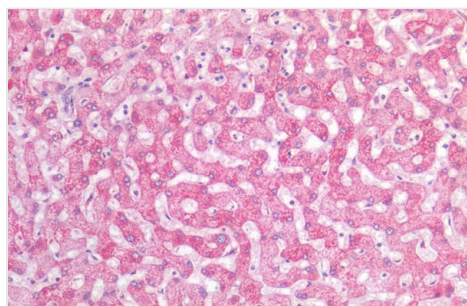
PRODUCT SYNONYMS

SIAH2; Polyclonal Antibody; SIAH2 Rabbit anti-Human Polyclonal Antibody; PathPlus SIAH2 Antibody; HSiah2; Seven in absentia homolog 2; Siah-2; anti-SIAH2 antibody

PRODUCT SPECIFICATIONS

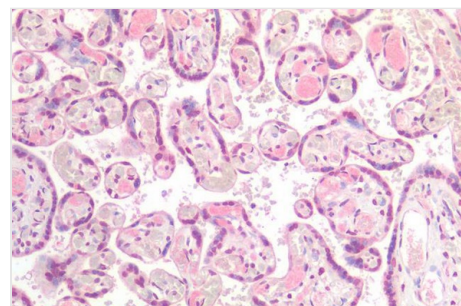
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-SIAH2 antibody	IHC (Immunohistochemistry)
Target	Human SIAH2
Immunogen	LP-11127, synthetic peptide
Conjugation	Unconjugated
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

IMAGES



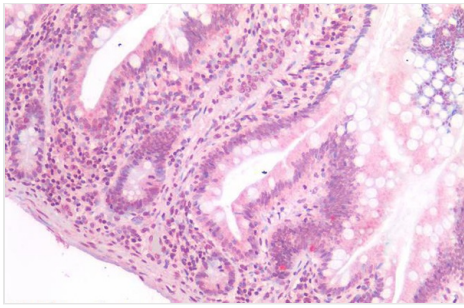
IHC (Immunohistochemistry)

SIAH2 Antibody-Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

SIAH2 Antibody-Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
SIAH2 Antibody-Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-SIAH2 antibody	SIAH2 antibody is an unconjugated rabbit polyclonal antibody to SIAH2 from human. Validated for IHC. SIAH2 is a novel target in breast and other cancers; in a study on advanced and metastatic breast cancer, Siewertz van Reesama et al found that both SIAH and EGFR outperform standard breast cancer biomarkers in predicting advanced stages of metastasis SIAH2 is a downstream member of the RAS pathway, where it is required for signal transduction. SIAH2 expression acts as a sign of activation of the RAS pathway, and its deficiency has been found to reduce MAPK signaling. SIAH2 has been found to be overexpressed in invasive breast cancers versus ductal carcinomas and normal tissue, where it may cause aberrant activation of the ERK pathway, encouraging proliferation and simultaneous dysregulation of apoptotic signaling. In immunohistochemistry, SIAH2 has both cytoplasmic and nuclear positivity in a majority of tissues.
References	EBioMedicine. 2016 Sep;11:183-198, PMID: 27569656, J Natl Cancer Inst. 2008 Nov 19;100(22):1606-29, PMID: 19001609; Oncology Reports 36, no. 3 (2016): 1301-1312, DOI: 10.3892/or.2016.4976;

NCBI AND UNIPROT INFORMATION

NCBI GI #	31982899
NCBI GeneID	6478
NCBI Accession #	NP_005058.3
NCBI GenBank Nucleotide #	NM_005067
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; siah-2; seven in absentia homolog 2
UniProt Protein Name	E3 ubiquitin-protein ligase SIAH2
UniProt Gene Name	SIAH2
UniProt Synonym Gene Names	Siah-2; hSiah2
UniProt Entry Name	SIAH2_HUMAN

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.