

Product datasheet for **TA335795**

SIAH1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-SIAH1 Antibody: synthetic peptide directed towards the C terminal of human SIAH1. Synthetic peptide located within the following region: LVLEKQEKYDGHQQFFAIVQLIGTRKQAENFAYRLELNGHRRRLTWEATP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	31 kDa
Gene Name:	siah E3 ubiquitin protein ligase 1
Database Link:	NP_003022 Entrez Gene 6477 Human Q8IUQ4



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Background:

SIAH1 is 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. 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.

Synonyms:

SIAH1A

Note:

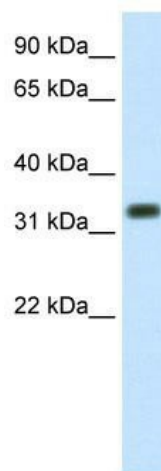
Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%

Protein Families:

Druggable Genome

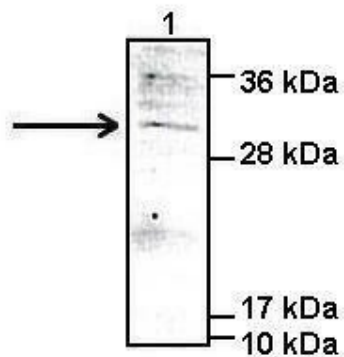
Protein Pathways:

p53 signaling pathway, Ubiquitin mediated proteolysis, Wnt signaling pathway

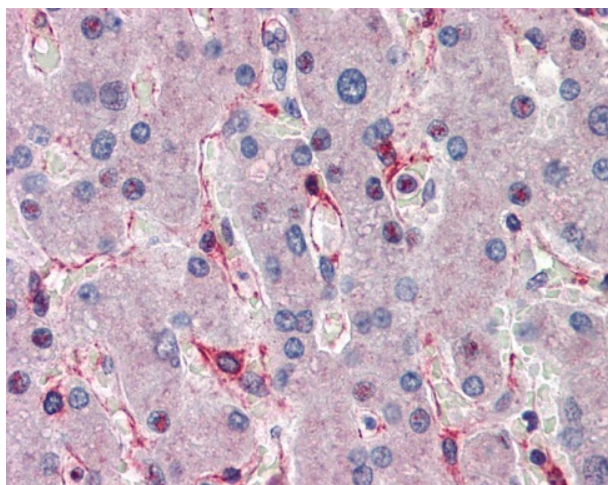
Product images:

WB Suggested Anti-SIAH1 Antibody Titration: 1.25 ug/ml; ELISA Titer: 1: 312500; Positive Control: Human Placenta

SIAH1



Lanes: Lane 1: 50 ug human HEK-293T lysate; Primary Antibody Dilution: 1: 1000; Secondary Antibody: Anti-rabbit-IgG; Secondary Antibody Dilution: 1: 5000; Gene Name: SIAH1; Submitted by: Peter Brand & Dr. Oliver Kramer, Institute for Biochemistry and Biophysics, Center for Molecular Biomedicine, Friedrich-Schiller University Jena; SIAH1 is strongly supported by BioGPS gene expression data to be expressed in Human HEK293T cells



Liver