

ARG63185 anti-SIAH1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes SIAH1
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Cow, Dog
Tested Application	WB
Specificity	This product is expected to recognize both reported isoforms (according to NP_003022.3; NP_001006611.1)
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	SIAH1
Species	Human
Immunogen	SRQTATALPTGTSKC
Conjugation	Un-conjugated
Alternate Names	Seven in absentia homolog 1; Siah-1; EC 6.3.2.-; SIAH1A; Siah-1a; E3 ubiquitin-protein ligase SIAH1

Application Instructions

Application table	Application	Dilution
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

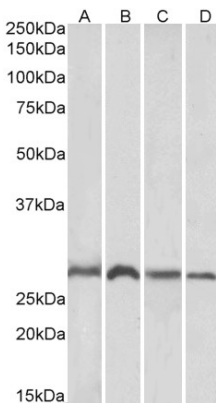
Database links	GeneID: 140941 Rat GeneID: 6477 Human Swiss-port # Q8IUQ4 Human Swiss-port # Q920M9 Rat
Background	This gene encodes a protein that is a member of the seven in absentia homolog (SIAH) family. The protein is an E3 ligase and is involved in ubiquitination and proteasome-mediated degradation 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. [provided by RefSeq, Jul 2008]
Research Area	Cell Biology and Cellular Response antibody; Neuroscience antibody
Calculated Mw	31 kDa
PTM	Phosphorylated on Ser-19 by ATM and ATR. This phosphorylation disrupts SIAH1 interaction with HIPK2, and subsequent proteasomal degradation of HIPK2.

Images



ARG63185 anti-SIAH1 antibody WB image

Western Blot: Human Liver lysate (RIPA buffer, 35 µg total protein per lane) stained with ARG63185 anti-SIAH1 antibody at 1 µg/ml dilution.



ARG63185 anti-SIAH1 antibody WB image

Western blot: 35 µg of Mouse brain (A), Rat brain (B), Mouse liver (C) and Rat liver (D) lysates (in RIPA buffer) stained with ARG63185 anti-SIAH1 antibody at 1 µg/ml dilution and incubated at RT for 1 hour.