

Datasheet for ABIN184675
anti-SIAH1 antibody (N-Term)

8 Images

1 Publication

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Overview

Quantity:	100 µg
Target:	SIAH1
Binding Specificity:	N-Term
Reactivity:	Human, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SIAH1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	SIAH1
Immunogen:	Peptide with sequence SRQTATALPTGTSKC, from the N Terminus of the protein sequence according to NP_003022.3, NP_001006611.1.
Sequence:	SRQTATALPT GTSKC
Isotype:	IgG
Specificity:	This product is expected to recognize both reported isoforms (NP_003022.3, NP_001006611.1)
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	SIAH1
Alternative Name:	SIAH1 (SIAH1 Products)
Background:	SIAH1, seven in absentia homolog 1 (Drosophila), Siah-1, hSIAH1, HUMSIAH, Siah-1a, FLJ08065, seven in absentia homolog 1, sonic hedgehog homolog
Molecular Weight:	31.1kDa
Gene ID:	6477, 20437, 140941
NCBI Accession:	NP_003022 , NP_001006611

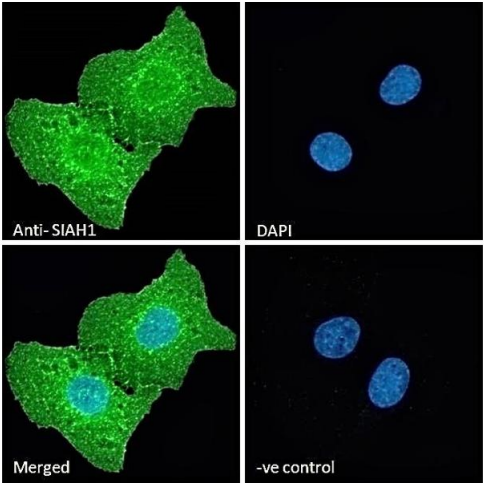
Application Details

Application Notes:	Western Blot: Approx. 37 kDa band observed in Human Liver lysates and approx. 30+37 kDa bands in Rat Liver lysates (calculated MW of 34.6 kDa according to Human NP_001006611.1 and 31.1 kDa according to Rat NP_543181.2 and 38.2 kDa according to Rat XP_03895336 Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the nucleus and cytoplasm of U2OS and HepG2 cells. Recommended concentration: 10µg/ml.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Product cited in: Sroka, Voigt, Deeg, Reed, Schulz, Bhr, Kermer: "BAG1 modulates huntingtin toxicity, aggregation, degradation, and subcellular distribution." in: **Journal of neurochemistry**, Vol. 111, Issue 3, pp. 801-7, (2009) ([PubMed](#)).



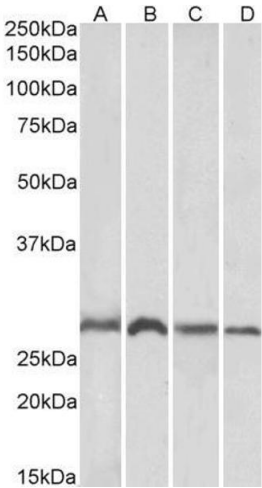
Immunofluorescence

Image 1. (ABIN184675) Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing mitochondrial/cytoplasmic and nuclear staining. Th



Western Blotting

Image 2. ABIN184675 staining (0.1µg/ml) of Human Liver lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Western Blotting

Image 3. ABIN184675 (1µg/ml) staining of Mouse (A, C) and Rat (B, D) Brain (A, B) and Liver (C, D) lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.

Images

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN184675.