

Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB05292 - Goat Anti-SIAH1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: sonic hedgehog homolog, seven in absentia homolog 1, FLJ08065, Siah-1a, HUMSIAH, hSIAH1, Siah-1, seven in absentia homolog 1 (Drosophila), SIAH1

Official Symbol: SIAH1

Accession Number(s): NP_003022.3; NP_001006611.1

Human GeneID(s): [6477](#)

Non-Human GeneID(s): 20437 (mouse)

Important Comments: This product is expected to recognize both reported isoforms (according to NP_003022.3; NP_001006611.1)

Immunogen

Peptide with sequence SRQTATALPTGTSKC, from the N Terminus of the protein sequence according to NP_003022.3; NP_001006611.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 28kDa band observed in Human Liver lysates (calculated MW of 31.1kDa according to NP_003022.3). Recommended concentration: 1-3µg/ml.

Immunoprecipitation: This antibody has been successfully used in IP from CSM14.1 cells as described in the following paper: Liman et al, Molecules 2010, 15, 6678-6687.

Species Reactivity

Tested: Human, Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

Specific References

This antibody has been successfully used in the following papers:

Sroka K, Voigt A, Deeg S, Reed JC, Schulz JB, Bähr M, Kermer P.

BAG1 modulates huntingtin toxicity, aggregation, degradation, and subcellular distribution. J Neurochem. 2009 Nov;111(3):801-7.

PMID: 19712056

Liman J, Sroka K, Dohm CP, Deeg S, Bähr M, Kermer P

Modulation of Huntingtin Toxicity by BAG1 is Dependent on an Intact BAG Domain Molecules 2010, 15, 6678-6687;

PMID: 0

The goat polyclonal antibody used in the following papers was manufactured by us: Guigon CJ, Zhao L, Lu C, Willingham MC, Cheng SY.

Regulation of beta-catenin by a novel nongenomic action of thyroid hormone beta receptor.

Mol Cell Biol. 2008 Jul;28(14):4598-608.

PMID: 18474620

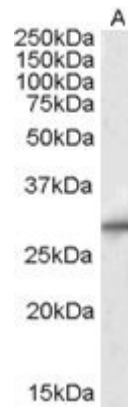
Groenman F, Rutter M, Caniggia I, Tibboel D, Post M.
Hypoxia-inducible factors in the first trimester human lung.
J Histochem Cytochem. 2007 Apr;55(4):355-63.

PMID: 17189520

Iwai A, Marusawa H, Matsuzawa S, Fukushima T, Hijikata M, Reed JC, Shimotohno K, Chiba T.

Siah-1L, a novel transcript variant belonging to the human Siah family of proteins, regulates beta-catenin activity in a p53-dependent manner.
Oncogene. 2004 Sep 30;23(45):7593-600.

PMID: 15326481



EB05292 staining (1µg/ml) of Human Liver lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.chemiluminescence.