

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB05292-T - Goat Anti-SIAH1 Antibody - Trial

Size: 20µg specific antibody in 40µl



### Target Protein

**Principal Names:** SIAH1, seven in absentia homolog 1 (Drosophila), Siah-1, hSIAH1, HUMSIAH, Siah-1a, FLJ08065, seven in absentia homolog 1, siah E3 ubiquitin protein ligase 1, SIAH1A

**Official Symbol:** SIAH1

**Accession Number(s):** NP\_003022.3; NP\_001006611.1

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

**Non-Human GeneID(s):** 20437 (mouse), 140941 (rat)

**Important Comments:** This product is expected to recognize both reported isoforms (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 lysate and in Mouse and Rat Brain and Liver lysates (calculated MW of 31.1kDa according to NP\_003022.3).

Recommended concentration: 1-3µg/ml. Primary incubated for 1 hour.

### Species Reactivity

**Tested:** Human, Mouse, Rat

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

### Specific References

**This antibody (previous batch) has been successfully used in IP in Human:**

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

**This antibody (previous batch) has been successfully used in Western blot in Drosophila:**

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

EB05292 staining (1µg/ml) of Human Liver lysate (RIPA buffer, 35µg total protein per lane). Detected by chemiluminescence.

EB05292 (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.