

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB05292-B - Goat Anti-SIAH1, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SIAH1, siah E3 ubiquitin protein ligase 1, SIAH1A, seven in absentia

homolog 1, siah-1a, HUMSIAH, FLJ08065

Official Symbol: SIAH1

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

Human GeneID(s): 6477

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

Important Comments: This antibody 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 Mouse Brain lysates (calculated MW of 31.1kDa according to Mouse NP_033198.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human, Mouse, Rat

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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Biotinylated EB05292 (2µg/ml) staining of Mouse Brain lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.