

Goat anti-SIAH1 Antibody

Item Number dAP-0064

Target Molecule Principle Name: SIAH1; Official Symbol: SIAH1; All Names and Symbols: SIAH1; seven in absentia homolog 1 (Drosophila); Siah-1; hSIAH1; HUMSIAH; Siah-1a; FLJ08065; seven in absentia homolog 1; sonic hedgehog homolog; Accession Number (s): NP_003022.3; NP_001006611.1; Human Gene ID(s): 6477; Non-Human GeneID(s): 20437 (mouse) 140941 (rat)

Immunogen SRQTATALPTGTSKC, is from N Terminus
This product is expected to recognize both reported isoforms (NP_003022.3; NP_001006611.1)

Applications Pep ELISA, WB

Species Tested: Human, Mouse, Rat

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

Supplied As lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.

Peptide ELISA Peptide ELISA: antibody detection limit dilution 1 to 16000.

Western Blot 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.

IHC

Reference Reference(s): Susini L, Passer BJ, Amzallag-Elbaz N, Juven-Gershon T, Prieur S, Privat N, Tuynder M, Gendron MC, Israel A, Amson R, Oren M, Telerman A. Siah-1 binds and regulates the function of Numb. Proc Natl Acad Sci U S A. 2001 Dec 18;98(26):15067-72..PMID: 11752454->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**