

HAP1 Antibody

HAP1, huntingtin-associated protein 1 (neuroan 1), HAP2, HIP5, HLP, hHLP1, huntingtin-associated protein 1, huntingtin-associated protein 2, neuroan 1

CATALOG NO.: 45-721

HOST:

Goat

CLONALITY:

Polyclonal

INFORMATION:

HAP1 Antibody. This antibody is expected to recognize all reported isoforms (NP_003940.1, NP_817084.1)

SOURCE:

HAP1 antibody was raised against a synthetic peptide of HAP1.

PROTEIN ACCESSION NUMBER(S) :

NP_003940.2, NP_817084.1

SPECIES REACTIVITY:

Human

TESTED APPLICATION:

WB, E

APPLICATION:

Peptide ELISA: antibody detection limit dilution 1:32,000. Approx 70kDa band observed in Human Brain (Frontal Cortex and Hippocampus) lysates (calculated MW of 69.6kDa according to NP_817084.1). Recommended concentration: 0.1-0.3µg/ml. An additional band of unknown identity was also consistently observed at 25kDa. This band was successfully blocked by incubation with the immunising peptide.

PURIFICATION:

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

BUFFER:

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of HAP1 in Human Brain

(Hippocampus) lysate (35µg protein in RIPA buffer) using HAP1 antibody (0.1µg/ml).

STORAGE:

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

REFERENCE:

Takeshita Y, Fujinaga R, Zhao C, Yanai A, Shinoda K. Huntingtin-associated protein 1 (HAP1) interacts with androgen receptor (AR) and suppresses SBMA-mutant-AR-induced apoptosis. Hum Mol Genet. 2006 Aug 1;15(15):2298-312. Epub 2006 Jun 16.

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.