

HAP1 Antibody

Hap1, huntingtin-associated protein 1, RP23-392I3.11, HAP-1, MGC31449

CATALOG NO.: 45-722

HOST:

Goat

CLONALITY:

Polyclonal

INFORMATION:

HAP1 Antibody.

SOURCE:

HAP1 antibody was raised against a synthetic peptide of HAP1.

PROTEIN ACCESSION NUMBER(S) :

NP_034534.1

SPECIES REACTIVITY:

Mouse, Rat

TESTED APPLICATION:

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APPLICATION:

Peptide ELISA: antibody detection limit dilution 1:32,000.
Western Blot: Preliminary experiments gave an approx 110kDa band in Mouse and Rat Brain lysates after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 66.8kDa according to NP_034534.1. The 110kDa band was successfully blocked by incubation with the immunizing 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.

STORAGE:

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

REFERENCE:

Rong J, McGuire JR, Fang ZH, Sheng G, Shin JY, Li SH, Li XJ. Regulation of intracellular trafficking of huntingtin-associated protein-1 is critical for TrkA protein levels and neurite outgrowth. J Neurosci. 2006 May 31;26(22):6019-30.

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.