# HAP1 Rabbit Polyclonal Antibody

**CAB16333**

## Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

76kDa

**Calculated MW:**

66kDa/67kDa/69kDa/75kDa

**Applications:**

WB

**Reactivity:**

Mouse, Rat

## Antibody Information

**Recommended dilutions:**
WB 1:500 - 1:2000

**Source:**
Rabbit

**Isotype:**
IgG

**Purification:**
Affinity purification

## Protein Background

Huntington's disease (HD), a neurodegenerative disorder characterized by loss of striatal neurons, is caused by an expansion of a polyglutamine tract in the HD protein huntingtin. This gene encodes a protein that interacts with huntingtin, with two cytoskeletal proteins (dynactin and pericentriolar autoantigen protein 1), and with a hepatocyte growth factor-regulated tyrosine kinase substrate. The interactions with cytoskeletal proteins and a kinase substrate suggest a role for this protein in vesicular trafficking or organelle transport. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene.

## Immunogen information

**Gene ID:**
9001

**Uniprot**
P54257

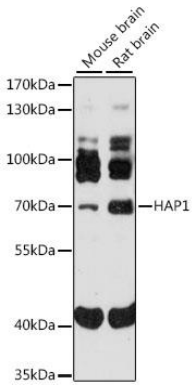
**Synonyms:**
HAP1; HAP2; HIP5; HLP; hHLP1

**Immunogen:**
Recombinant fusion protein containing a sequence corresponding to amino acids 1-240 of human HAP1 (NP_817084.2).

**Storage:**
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Product Images**




Western blot analysis of extracts of various cell lines, using HAP1 antibody (CAB16333) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.