

Rabbit HAP1 Polyclonal Antibody | anti-HAP1 antibody

HAP1 Antibody

CATALOG # AAA39940	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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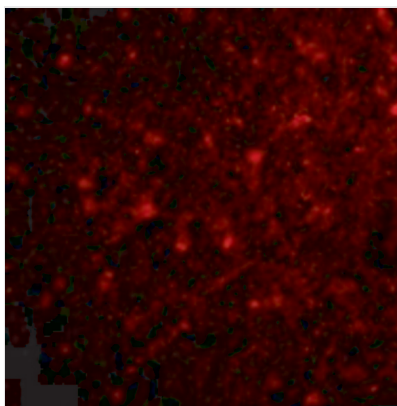
PRODUCT SYNONYMS

HAP1; Polyclonal Antibody; HAP1 Antibody; HLP; HAP2; HIP5; hHLP1; HLP1; Huntingtin-associated protein 1; Neuroan 1; HAP-1; huntingtin-associated protein 1; anti-HAP1 antibody

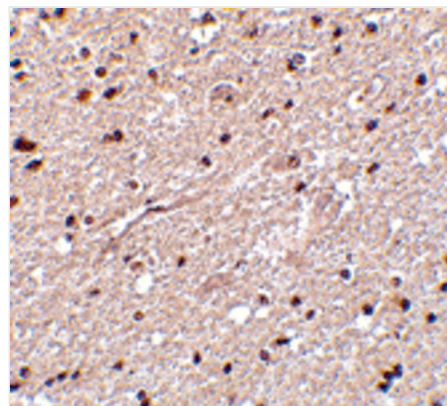
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	HAP1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	671
Applicable Applications for anti-HAP1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	HAP1 antibody was raised against a 19 amino acid synthetic peptide from near the center of human HAP1.
Buffer	HAP1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	HAP1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

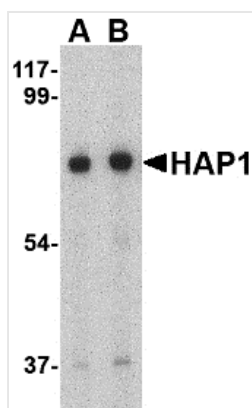
IMAGES


IF (Immunofluorescence)

Immunofluorescence of HAP1 in Human Brain cells with HAP1 antibody at 20 &#956;g/mL.


IHC (Immunohistochemistry)

Immunohistochemistry of HAP1 in human brain tissue with HAP1 antibody at 2.5 &#956;g/mL.



WB (Western Blot)

Western blot analysis of HAP1 in mouse brain tissue lysate with HAP1 antibody at (A) 0.5 and (B) 1 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-HAP1 antibody

HAP1 Antibody: 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. HAP1 was initially identified through a two-hybrid library screening; the binding of HAP1 to huntingtin correlated with the expansion of the polyglutamine tract. HAP1 also interacts with two cytoskeletal proteins (dynactin and pericentriolar autoantigen protein 1), suggesting that HAP1 may play a role in vesicular trafficking or organelle transport. HAP1 is also involved with the huntingtin-enhanced BDNF transport along the cellular microtubules. Attenuation of this process led to the loss of neurotrophic support and neuronal toxicity, which suggests that loss of this function might contribute to pathogenesis. Several alternatively spliced isoforms have been described for HAP1.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10241694
NCBI GeneID	9001
UniProt Accession #	P54257; O75358; Q59GK4; Q9H4G3; Q9HA98; Q9NY90; A8MQB5
Molecular Weight	67,582 Da
NCBI Official Full Name	huntingtin-associated protein 1
NCBI Official Synonym Full Names	huntingtin-associated protein 1
NCBI Official Symbol	HAP1
NCBI Official Synonym Symbols	HLP; HAP2; HIP5; hHLP1
NCBI Protein Information	huntingtin-associated protein 1; HAP-1; neuroan 1; huntingtin-associated protein 2
UniProt Protein Name	Huntingtin-associated protein 1
UniProt Gene Name	HAP1
UniProt Synonym Gene Names	HAP2; HLP1; HAP-1
UniProt Entry Name	HAP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hap1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39940>