

Rabbit HAP1 Polyclonal Antibody | anti-HAP1 antibody

HAP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303709	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

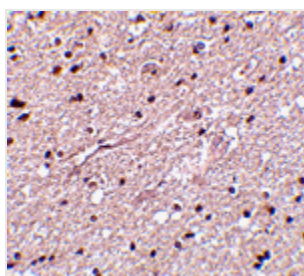
PRODUCT SYNONYMS

HAP1; Polyclonal Antibody; HAP1 Antibody; Huntingtin-associated protein 1; neuroan 1; HLP; HIP5; anti-HAP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	671
Applicable Applications for anti-HAP1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 19 amino acid peptide from near the center of human HAP1.
Target Name	HAP1
Preparation and Storage	Can be stored at -20 degree C, stable for 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



IHC (Immunohistochemistry)

Immunohistochemistry of HAP1 in human brain tissue with HAP1 antibody at 2.5 ug/mL.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-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.
Product Categories/Family for anti-HAP1 antibody	Total protein Ab

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
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-immunohistochemistry-western-blot-elisa/303709>