

Product datasheet for **TA360543**

Huntingtin Associated Protein 1 (HAP1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human HAP1
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	74 kDa
Gene Name:	huntingtin-associated protein 1
Database Link:	NP_001073339.1 Entrez Gene 9001 Human P54257



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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.

Synonyms:

HAP-1; HAP2; hHLP1; HIP5; HLP; HLP1

Protein Pathways:

Huntington's disease

Product images:

Host: Rabbit
Target Name: HAP1
Sample Type: HCT15 Cell Lysate
Antibody Dilution: 1.0µg/ml

Host: Rabbit
Target Name: HAP1
Sample Tissue: HCT15 Whole Cell lysates
Antibody Dilution: 1.0ug/ml