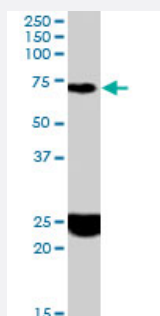


HAP1 polyclonal antibody

Catalog # PAB7160 Size 100 ug

Applications



Western Blot (Tissue lysate)

HAP1 polyclonal antibody (Cat # PAB7160) (0.1 ug/mL) staining of human brain (hippocampus) lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of HAP1.
Immunogen	A synthetic peptide corresponding to human HAP1.
Sequence	C-RYDFRYSEDREQ
Host	Goat
Theoretical MW (kDa)	75.5, 69.6
Reactivity	Human
Specificity	This antibody is expected to recognize all reported isoforms (NP_0.03940.1, NP_817084.1).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:32000) Western Blot (0.1-0.3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — HAP1

Entrez GeneID	9001
Protein Accession#	NP_003940.2;NP_817084.1
Gene Name	HAP1
Gene Alias	HAP2, HIP5, HLP, hHLP1
Gene Description	huntingtin-associated protein 1
Omim ID	600947
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000164747 huntingtin-associated protein 2 neuroan 1

Publication Reference

- [Huntingtin-associated protein 1 \(HAP1\) interacts with androgen receptor \(AR\) and suppresses SBMA-mutant-AR-induced apoptosis.](#)

Takeshita Y, Fujinaga R, Zhao C, Yanai A, Shinoda K.

Human Molecular Genetics 2006 Aug; 15(15):2298.

Application: IF, WB, Human, HEP-2 cells

Disease

- [Cognition](#)
- [Coronary Artery Disease](#)
- [Genetic Predisposition to Disease](#)
- [Huntington disease](#)