



HAP1 rabbit pAb

Cat No.:ES9746

For research use only

Overview

Product Name	HAP1 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	HAP1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Huntingtin-associated protein 1 (HAP-1) (Neuroan 1)
Gene Name	HAP1 HAP2 HLP1
Cellular localization	Cytoplasm . Cell projection, axon . Cell junction, synapse, presynapse . Cytoplasm, cytoskeleton . Cell projection, dendritic spine . Cell projection, dendrite . Lysosome . Endoplasmic reticulum . Mitochondrion . Nucleus . Cytoplasmic vesicle, autophagosome . Early endosome . Cell projection, growth cone . Cell projection, neuron projection . Cytoplasmic vesicle, secretory vesicle, synaptic vesicle . Localizes to large nonmembrane-bound cytoplasmic bodies found in various types of neurons, called stigmoid bodies (STBs). Localization to neuronal processes and neurite tips is decreased by YWHAZ. In the nucleus localizes to nuclear rods. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	73kD





Human Gene ID 9001
Human Swiss-Prot Number P54257
Alternative Names
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. [provided by RefSeq, Jul 2008],

