



Mouse anti-Rat Hap1 monoclonal antibody, clone 2C7 (CABT-B10383)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is specific to isoforms A and B. WB analysis where bands can be seen ~95 KDa for isoform A and ~110 KDa for isoform B.
Immunogen	Recombinant fusion protein corresponding to rat Hap1.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat
Clone	2C7
Conjugate	Unconjugated
Applications	WB, IHC, IP
Format	Liquid
Buffer	In PBS (50% glycerol, 0.05% sodium azide)
Storage	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	Huntingtons 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
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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]

Keywords	HAP1; huntingtin-associated protein 1; HLP; HAP2; HIP5; hHLP1; HAP-1; neuroan 1; huntingtin-associated protein 2;
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GENE INFORMATION

Entrez Gene ID	9001
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UniProt ID	P54257
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Pathway	GABAergic synapse, organism-specific biosystem; GABAergic synapse, conserved biosystem; Huntingtons disease, organism-specific biosystem; Huntingtons disease, conserved biosystem;
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Function	protein binding;
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