Huntingtin Antibody



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For Research Use Only. Not for Use in Diagnostic Procedures.

20°C. Do not aliquo Huntingtin Antiboo Polyclonal antibodi residues surroundi peptide affinity chr Huntington's Disea and motor dysfunc neurons of the stria	sodium HEPES (pH 7.5 of the antibody. dy detects endogenous ies are produced by iming Pro1218 of human romatography. ase (HD) is a fatal neuroction. Neuropathology	5), 150 mM NaCl, 100 μg. s levels of total huntingt nmunizing animals with α huntingtin protein. Anti	1:10 1:50 1:10 /ml BSA and 50% gl in protein. a synthetic peptide ibodies are purified	lycerol. Store at – corresponding to by protein A and
20°C. Do not aliquo Huntingtin Antiboo Polyclonal antibodi residues surroundi peptide affinity chr Huntington's Disea and motor dysfunc neurons of the stria	ot the antibody. dy detects endogenous ies are produced by im ing Pro1218 of human romatography. ase (HD) is a fatal neuro ction. Neuropathology	s levels of total huntingt nmunizing animals with huntingtin protein. Anti odegenerative disorder	in protein. a synthetic peptide bodies are purified	corresponding to by protein A and cychiatric, cognitive,
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and motor dysfunc neurons of the stric genetic analysis of	tion. Neuropathology		characterized by ps	
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2. Borrell-Pagès, M	l. et al. (2006) <i>Cell Mol.</i>	Life Sci. 63, 2642-2660.	1, 533-540.	
	neurogenesis, neu gene from unaffecte beyond this range the age of onset in polyglutamine pep modifications inclus Phosphorylation of polyglutamine trace huntingtin protein affected by degene huntingtin protein translocate into the increased polyglutary protects against cless. 1. Gusella, J.F. and 2. Borrell-Pagès, M 3. Luo, S. et al. (200	neurogenesis, neurotransmission, axona gene from unaffected individuals contain beyond this range causing the onset of the age of onset in patients and the num polyglutamine peptides (1,2). The huntin modifications including phosphorylation Phosphorylation of Ser421 by Akt can pa polyglutamine tract. Varying Akt express huntingtin protein phosphorylation; this affected by degeneration in diseased brahuntingtin protein into amino-terminal f translocate into the nucleus. Caspase me increased polyglutamine aggregate form protects against cleavage (2,3). 1. Gusella, J.F. and Macdonald, M.E. (2006 2. Borrell-Pagès, M. et al. (2006) <i>Cell Mol.</i> 3. Luo, S. et al. (2005) <i>J. Cell Biol.</i> 169, 647	neurogenesis, neurotransmission, axonal transport, neural posit gene from unaffected individuals contains between 6 and 34 CAC beyond this range causing the onset of disease symptoms. A strotthe age of onset in patients and the number of huntingtin gene of polyglutamine peptides (1,2). The huntingtin protein undergoes modifications including phosphorylation, ubiquitination, sumoyla Phosphorylation of Ser421 by Akt can partially counteract the tox polyglutamine tract. Varying Akt expression in the brain correlate huntingtin protein phosphorylation; this pattern inversely correlate affected by degeneration in diseased brain (2). A key step in the chuntingtin protein into amino-terminal fragments that contain extranslocate into the nucleus. Caspase mediated cleavage of huntincreased polyglutamine aggregate formation and toxicity. Phosp protects against cleavage (2,3). 1. Gusella, J.F. and Macdonald, M.E. (2006) <i>Trends Biochem. Sci.</i> 3 2. Borrell-Pagès, M. et al. (2006) <i>Cell Mol. Life Sci.</i> 63, 2642-2660. 3. Luo, S. et al. (2005) <i>J. Cell Biol.</i> 169, 647-656.	1. Gusella, J.F. and Macdonald, M.E. (2006) <i>Trends Biochem. Sci.</i> 31, 533-540. 2. Borrell-Pagès, M. et al. (2006) <i>Cell Mol. Life Sci.</i> 63, 2642-2660.

Western Blot Buffer

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4° C with gentle shaking, overnight.

Applications Key

W: Western Blotting IP: Immunoprecipitation IF-F: Immunofluorescence (Frozen)

Cross-Reactivity Key

H: Human M: Mouse R: Rat

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