



# DISC1 rabbit pAb

Cat No.:ES16941

For research use only

## Overview

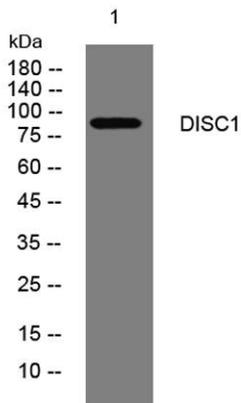
<b>Product Name</b>	DISC1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB
<b>Species Cross-Reactivity</b>	Human; Mouse;Rat
<b>Recommended dilutions</b>	WB 1: 500-2000
<b>Immunogen</b>	Synthesized peptide derived from human DISC1 AA range: 423-473
<b>Specificity</b>	This antibody detects endogenous levels of DISC1 at Human/Mouse/Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	DISC1
<b>Gene Name</b>	DISC1 KIAA0457
<b>Cellular localization</b>	Cytoplasm . Cytoplasm, cytoskeleton . Mitochondrion . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Cell junction, synapse, postsynaptic density . Colocalizes with NDEL1 in the perinuclear region and the centrosome (By similarity).
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	27185
<b>Human Swiss-Prot Number</b>	Q9NRI5
<b>Alternative Names</b>	
<b>Background</b>	This gene encodes a protein with multiple coiled coil motifs which is located in the nucleus, cytoplasm and mitochondria. The protein is involved in neurite outgrowth and cortical development through its





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interaction with other proteins. This gene is disrupted in a t(1;11)(q42.1;q14.3) translocation which segregates with schizophrenia and related psychiatric disorders in a large Scottish family. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008],



Western blot analysis of lysates from HCT116 cells,  
primary antibody was diluted at 1:1000, 4° over night



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