

ARG45064 anti-DISC1 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DISC1
Tested Reactivity	Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DISC1
Species	Mouse
Immunogen	DISC1 synthetic peptide containing amino acid residues from the C-terminus of mouse DISC1. This peptide sequence is well conserved in rat DISC1, but has 7 amino acid differences with the conserved site in human DISC1.
Conjugation	Un-conjugated
Alternate Names	DISC1; DISC1 Scaffold Protein; Disrupted In Schizophrenia 1 Protein; Disrupted In Schizophrenia 1; C1orf136; KIAA0457; SCZD9

Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Antigen Affinity Purified.
Buffer	PBS, 0.05% NaN ₃ , 50% Glycerol and 0.1 % BSA.
Stabilizer	50% Glycerol and 0.1 % BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	DISC1
Gene Full Name	DISC1 Scaffold Protein
Background	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 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]
Function	Plays a role, together with PCNT, in the microtubule network formation. [Uniprot]
Calculated Mw	94 kDa
PTM	Isopeptide bond, Ubl conjugation. [Uniprot]
Cellular Localization	Cytoplasm, Cytoskeleton, Microtubule, Mitochondrion, Synapse. [Uniprot]