

Rabbit anti-Human, Mouse DISC1 Polyclonal Antibody | anti-DISC1 antibody

DISC1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40074	Rabbit	Human, Mouse	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

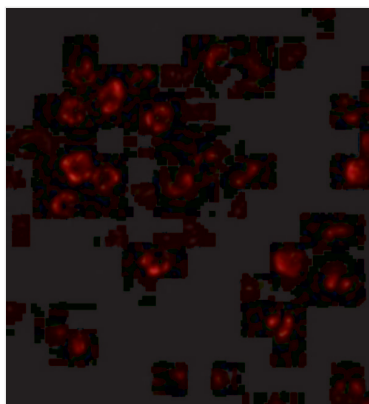
PRODUCT SYNONYMS

DISC1; Polyclonal Antibody; DISC1 Antibody; SCZD9; C1orf136; KIAA0457; Disrupted in schizophrenia 1 protein; disrupted in schizophrenia 1; anti-DISC1 antibody

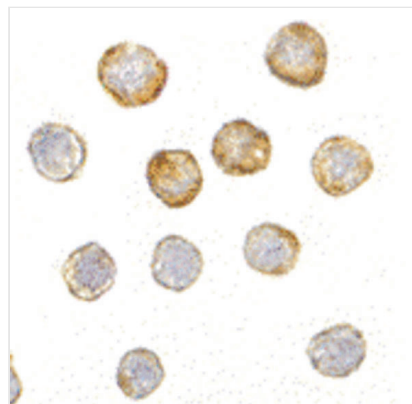
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	DISC1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	854
Applicable Applications for anti-DISC1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	DISC1 antibody was raised against a 18 amino acid synthetic peptide from near the center of human DISC1.
Buffer	DISC1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	DISC1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

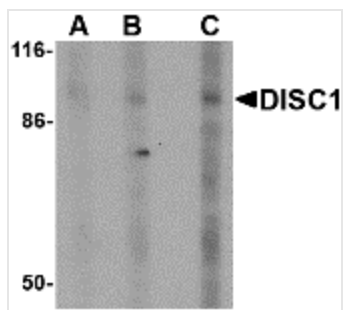
IMAGES


IF (Immunofluorescence)

Immunofluorescence of DISC1 in HeLa cells with DISC1 antibody at 20 &#956;g/mL.


ICC (Immunocytochemistry)

Immunocytochemistry of DISC1 in HeLa cells with DISC1 antibody at 5 &#956;g/mL.



WB (Western Blot)

Western blot analysis of DISC1 in SK-N-SH cell lysate with DISC1 antibody at (A) 0.5, (B) 1 and (C) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-DISC1 antibody

DISC1 Antibody: Disrupted in schizophrenia 1 (DISC1) is a candidate gene for susceptibility to schizophrenia. It was discovered through chromosomal analysis of a large Scottish family whose members exhibited schizophrenia and related psychiatric disorders. Through yeast two-hybrid screening, it was discovered that DISC1 interacts with many members of the centrosome and cytoskeletal system including MAP1A and Nudel. More recently, DISC1 has been found to regulate the transport of a complex containing Nudel, the lissencephaly-1 (LIS1) protein, and 14-3-3epsilon from neuronal cell bodies to the axons by the action of the microtubule-dependent directed motor protein kinesin-1, also known as KIF5A. Decreased expression of DISC1 in neurons caused an accelerated rate of neuronal integration, resulting in aberrant morphological development, suggesting that DISC1 plays a role in dendritic development and synapse formation. DISC1 has at least four known isoforms.

NCBI AND UNIPROT INFORMATION

NCBI GI #	61742823
NCBI GeneID	27185
NCBI Accession #	NP_061132
NCBI GenBank Nucleotide #	NM_018662.2
UniProt Accession #	Q9NRI5; O75045; Q5VT44; A6NLH2; C4P091; C4P095; C4P0A1; C4P0A3; C4P0B3; C4P0B6; C4P0C1; C9J6D0
Molecular Weight	22,198 Da
NCBI Official Full Name	disrupted in schizophrenia 1 protein isoform L
NCBI Official Synonym Full Names	disrupted in schizophrenia 1
NCBI Official Symbol	DISC1
NCBI Official Synonym Symbols	SCZD9; C1orf136
NCBI Protein Information	disrupted in schizophrenia 1 protein
UniProt Protein Name	Disrupted in schizophrenia 1 protein
UniProt Gene Name	DISC1
UniProt Synonym Gene Names	KIAA0457
UniProt Entry Name	DISC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/disc1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/40074>