

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

DISC1 Antibody (C-term)

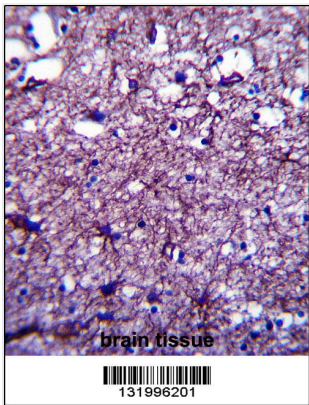
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284228	Rabbit	Human	Flow Cytometry, Functional Assay, Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

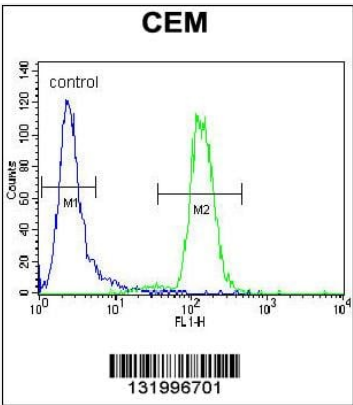
DISC1; Polyclonal Antibody; DISC1 Antibody (C-term); Disrupted in schizophrenia 1 protein; KIAA0457; anti-DISC1 antibody

PRODUCT SPECIFICATIONS

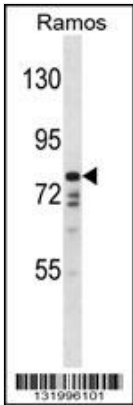
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DISC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 701-728 amino acids from the C-terminal region of human DISC1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.39 (varies by lot)
Sequence Positions	701-728
Sequence Length	201
Applicable Applications for anti-DISC1 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemisry)
DISC1 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of DISC1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



FCM/FACS (Flow Cytometry)
DISC1 Antibody (C-term) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
DISC1 Antibody (C-term) western blot analysis in Ramos cell line lysates (35ug/lane).This demonstrates the DISC1 antibody detected the DISC1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-DISC1 antibody	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].
Product Categories/Family for anti-DISC1 antibody	Neuroscience
References	Park, Y.U., et al. Proc. Natl. Acad. Sci. U.S.A. 107(41):17785-17790(2010) Raznahan, A., et al. Mol. Psychiatry (2010) In press : Ruano, G., et al. Pharmacogenomics 11(7):959-971(2010) Kaibuchi, K., et al. Nihon Shinkei Seishin Yakurigaku Zasshi 30(3):149-152(2010) Shulman, J.M., et al. PLoS ONE 5 (6), E11244 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	61742825
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NCBI GeneID	27185
NCBI Accession #	NP_001012975.1; NP_001012976.1; NP_001012977.1; NP_001158011.1; NP_001158013.1; NP_001158016.1; NP_001158017.1; NP_001158018.1; NP_001158019.1; NP_001158027.1; NP_001158028.1; NP_061132.2
NCBI GenBank Nucleotide #	NM_001012957.1
UniProt Accession #	Q9NRI5; O75045; Q5VT44; A6NLH2; C4P091; C4P095; C4P0A1; C4P0A3; C4P0B3; C4P0B6; C4P0C1; C9J6D0
Molecular Weight	93611
NCBI Official Full Name	disrupted in schizophrenia 1 protein isoform Lv
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-flow-cytometry-western-blot-immunohistochemistry-elisa/284228>