

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

Anti-DISC1 antibody

CATALOG # AAA45478	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
------------------------------	-----------------------	----------------------------	-------------------------------------

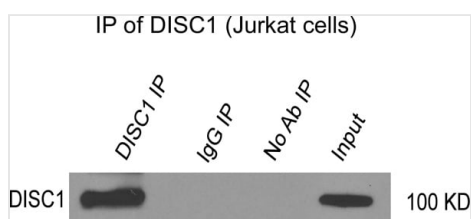
PRODUCT SYNONYMS

DISC1; Polyclonal Antibody; Anti-DISC1 antibody; Disrupted in schizophrenia 1 protein; disrupted in schizophrenia 1; C1orf136 antibody; DISC1 antibody; DISC1_HUMAN antibody; Disrupted in schizophrenia 1 antibody; Disrupted in schizophrenia 1 protein antibody; KIAA0457 antibody; RP4-730B13.1 antibody; SCZD9 antibody; anti-DISC1 antibody

PRODUCT SPECIFICATIONS

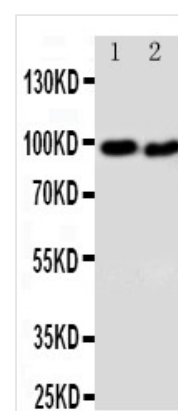
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	854
Applicable Applications for anti-DISC1 antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human DISC1 (74-91aa EESHHSERARQCGLDSR).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Applications: Western Blot Sample: Jurkat cell lysate Detection: Chemiluminescence "We tested several anti-DISC1 antibodies that are commercially available on the market. However, we found that this rabbit polyclonal anti-DISC1 antibody from AAA Biotech is the best one. We have used this antibody for IF, WB and IP purposes in NIH3T3 and Jurkat cell lines...The antibody detected a single band of protein at around 100 KD. Cheap, polyclonal, multipurpose use, fast shipping...The best DISC1 antibody in the market that can be used for IP, IF and WB."



WB (Western Blot)

Anti-DISC1 antibody, AAA45478, Western blotting Lane 1: U87 Cell Lysate Lane 2: SHG Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-DISC1 antibody	Description: Rabbit IgG polyclonal antibody for Disrupted in schizophrenia 1 protein(DISC1) detection. Tested with WB in Human. Background: DISC1(Disrupted in Schizophrenia 1), is a protein that is encoded by the DISC1 gene in humans. Ma et al.(2002) determined that the mouse Disc1 gene maps to chromosome 8 in a region with homology of syntenly to human chromosome 1q42. Ozeki et al.(2003) demonstrated that rodent Disc1 expression displayed pronounced developmental regulation, with the highest levels in late embryonic life during development of the cerebral cortex. Millar et al.(2005) showed that DISC1 interacts with the UCR2 domain of phosphodiesterase-4B, implicated in susceptibility to schizophrenia, and that elevation of cellular cAMP leads to dissociation of PDE4B from DISC1 and in increase in PDE4B activity.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	160332362
NCBI GeneID	27185
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
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.