

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

Anti-DISC1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45683	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

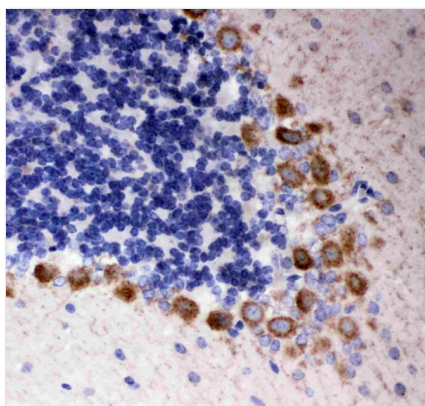
PRODUCT SYNONYMS

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

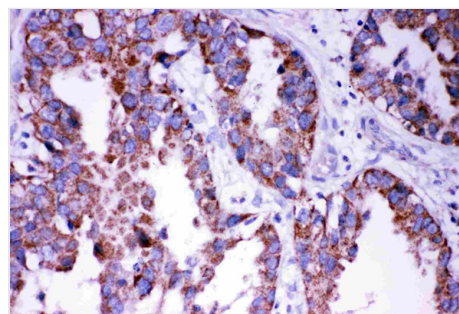
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	854
Applicable Applications for anti-DISC1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human DISC1 (461-477aa EKQQLQKEIEALQARMF), different from the related mouse sequence by two amino acids, and from the related rat sequence by four amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
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.

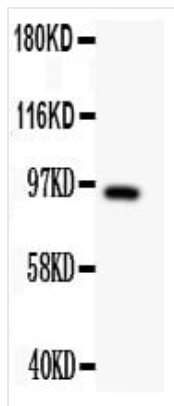
IMAGES



IHC (Immunohistochemistry)
Anti- DISC1 antibody, AAA45683,IHC(P)IHC(P): Rat Cerebellum Tissue



IHC (Immunohistochemistry)
Anti- DISC1 antibody, AAA45683, IHC(P)IHC(P): Human Lung Cancer Tissue



WB (Western Blot)

Anti- DISC1 antibody, AAA45683, Western blottingAll lanes: Anti DISC1 (AAA45683) at 0.5ug/mlWB: U87 Whole Cell Lysate at 40ugPredicted bind size: 94KDObserved bind size: 94KD

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, IHC-P in Human, Mouse.

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 synteny 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/disc1-antibody-immunohistochemistry-western-blot-elisa/45683>