

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

DISC1 Antibody

CATALOG # AAA305056	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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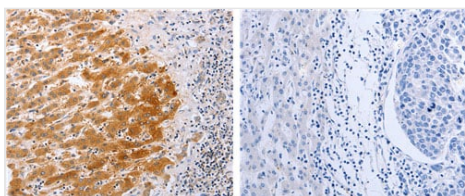
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

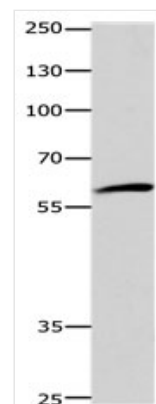
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total DISC1 protein.
Form/Format	Supplied at 2.4mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	579
Applicable Applications for anti-DISC1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide-KLH
Immunogen Description	Synthetic peptide corresponding to a region derived from 737-750 amino acids of Human disrupted in schizophrenia 1
Target Name	DISC1
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 31185 (DISC1 Antibody) at dilution 1/50, on the right is treated with the synthetic peptide.



Application Data

Gel: 8%SDS-PAGE Lysate: 40 ug 293T cell lysate Primary antibody: 1/1200 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute

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.
Product Categories/Family for anti-DISC1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	257153474
NCBI GeneID	27185
NCBI Accession #	NP_001158017
NCBI GenBank Nucleotide #	NM_001164545.1
Molecular Weight	22,198 Da
NCBI Official Full Name	disrupted in schizophrenia 1 protein isoform h
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-immunohistochemistry-western-blot-elisa/305056>