-online.com antibodies

Datasheet for ABIN668541 anti-DISC1 antibody (AA 761-832)

Image



Overview

Quantity:	100 µL
Target:	DISC1
Binding Specificity:	AA 761-832
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DISC1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

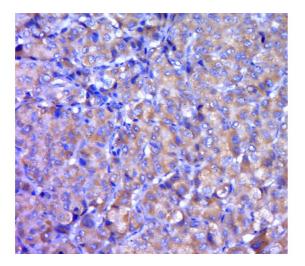
Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DISC1
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.
Target Details	
Target:	DISC1
Alternative Name:	DISC1 (DISC1 Products)

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Target Details	
Background:	Synonyms: disrupted in schizophrenia1, C1orf136, KIAA0457, RP4-730B13.1, SCZD9, DISC1, DISC1_HUMAN. Background: 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, Jul 2008].
Gene ID:	27185
UniProt:	Q9NRI5
Pathways:	Regulation of Cell Size
Application Details	
Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded human liver carcinoma; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with DISC1 (CT) Polyclonal Antibody, Unconjugated (bs-0430R) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.

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