

Datasheet for ABIN668511
anti-DISC1 antibody (AA 101-200)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	DISC1
Binding Specificity:	AA 101-200
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DISC1 antibody is un-conjugated
Application:	Western Blotting (WB), 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:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	DISC1
---------	-------

Target Details

Alternative Name:	DISC1 (DISC1 Products)
Background:	<p>Synonyms: disrupted in schizophrenia1, C1orf136, KIAA0457, RP4-730B13.1, SCZD9, DISC1, DISC1_HUMAN.</p> <p>Background: DISC1 (disrupted in schizophrenia 1) is a protein with multiple coiled coil motifs which is located in the nucleus, cytoplasm and mitochondria. DISC1 is a multifunctional protein that is involved in neurite outgrowth and cortical development, through its interaction with proteins of the centrosome and cytoskeletal system, and is implicated in schizophrenia.</p> <p>Regions of the primate brain which express DISC1, including the hippocampus, lateral septum, amygdala, cerebral cortex, cerebellum and paraventricular hypothalamus, are reported to be involved in schizophrenia in humans.</p>
Gene ID:	27185
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	WB 1:300-5000 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

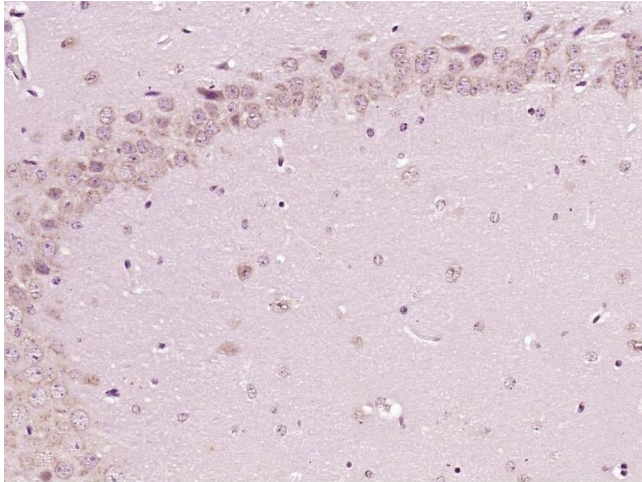
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded Mouse brain 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 incubation with DISC1 (NT) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, DAB staining.