



Rabbit Anti-Human DISC1 monoclonal antibody, clone 5I32M2 (CABT-L1268)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with mouse and rat based on sequence homology.
Target	DISC1
Immunogen	Peptide corresponding to amino acids 419-428 of human DISC1
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Clone	5I32M2
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	FC, WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS
Preservative	0.09% Sodium Azide
Storage	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

BACKGROUND

Introduction

DISC1 is a multifunctional protein that interacts with multiple proteins of the centrosome and cytoskeletal system, and is involved in neuronal functions that are dependent upon proper cytoskeletal regulation, including neuronal migration, neurite architecture and intracellular transport. Regions of the brain which express DISC1 include the hippocampus, lateral septum, amygdala, cerebral cortex, cerebellum and paraventricular hypothalamus, and loss of DISC1 function results in differences in structural organization.

Keywords

DISC1;disrupted in schizophrenia 1;SCZD9;C1orf136;disrupted in schizophrenia 1 protein

GENE INFORMATION

Entrez Gene ID

[27185](#)

UniProt ID

[Q9NRI5](#)