

Datasheet for ABIN7150095

anti-DISC1 antibody (AA 99-325) (HRP)



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Overview

Quantity:	100 µg
Target:	DISC1
Binding Specificity:	AA 99-325
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DISC1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Disrupted in schizophrenia 1 protein (99-325AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DISC1
Alternative Name:	DISC1 (DISC1 Products)
Background:	Background: Involved in the regulation of multiple aspects of embryonic and adult neurogenesis. Required for neural progenitor proliferation in the ventral/subventral zone

Target Details

during embryonic brain development and in the adult dentate gyrus of the hippocampus. Participates in the Wnt-mediated neural progenitor proliferation as a positive regulator by modulating GSK3B activity and CTNNB1 abundance. Plays a role as a modulator of the AKT-mTOR signaling pathway controlling the tempo of the process of newborn neurons integration during adult neurogenesis, including neuron positioning, dendritic development and synapse formation. Inhibits the activation of AKT-mTOR signaling upon interaction with CCDC88A. Regulates the migration of early-born granule cell precursors toward the dentate gyrus during the hippocampal development. Plays a role, together with PCNT, in the microtubule network formation.

Aliases: 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

UniProt:	Q9NRI5
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.