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Datasheet for ABIN190904

anti-DISC1 antibody (Internal Region)

1 Image

Overview

Quantity:	100 µg
Target:	DISC1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This DISC1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	DISC1
Immunogen:	Peptide with sequence C-HSEDKRKTPKLVLE, from the internal region of the protein sequence according to NP_001012975.1, NP_061132.2.
Sequence:	HSEDKRKTPKLVLE
Isotype:	IgG
Specificity:	This antibody is expected to recognise isoforms L (NP_061132.2) and Lv (NP_001012975.1) only.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: DISC1

Alternative Name: DISC1 ([DISC1 Products](#))

Background: DISC1, disrupted in schizophrenia 1 , RP4-730B13.1, KIAA0457

Gene ID: 27185

NCBI Accession: [NP_001012975](#), [NP_061132](#)

Pathways: [Regulation of Cell Size](#)

Application Details

Application Notes: Western Blot: Approx 100 kDa band observed in Human Brain (Hippocampus) lysates (calculated MW of 93.6 kDa according to NP_001012975.1). Recommended concentration: 0.1-0.3 µg/mL. Primary incubation 1 hour at room temperature.
Peptide ELISA: antibody detection limit dilution 1:128000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN190904 (0.1µg/ml) staining of Human Hippocampus lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.