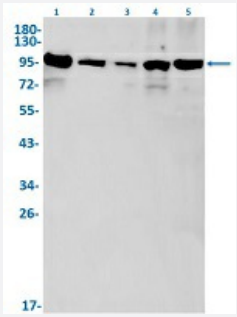
RecomAb™

DISC1 recombinant monoclonal antibody, clone R03-7F5

Catalog # RAB02322 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: K562, Lane 2: rat brain, Lane 3: C6, Lane 4: 3T3 and Lane 5: Hela lysates with DISC1 recombinant monoclonal antibody, clone R03-7F5 (Cat # RAB02322).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human DISC1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human DISC1.
Theoretical MW (kDa)	Calculated MW: 94 kD
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:100) Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.

Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot

  Western Blot analysis of Lane 1: K562, Lane 2: rat brain, Lane 3: C6, Lane 4: 3T3 and Lane 5: Hela lysates with DISC1 recombinant monoclonal antibody, clone R03-7F5 (Cat # RAB02322).

- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation

Gene Info — DISC1

Entrez GeneID	27185
Protein Accession#	Q9NRI5
Gene Name	DISC1
Gene Alias	C1orf136, FLJ13381, FLJ21640, FLJ25311, FLJ41105, KIAA0457, SCZD9
Gene Description	disrupted in schizophrenia 1
Omim ID	181500 604906 605210
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein with multiple coiled coil motifs which is located in the nucleus, cytopl asm and mitochondria. The protein is involved in neurite outgrowth and cortical development throu gh 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. [pr ovided by RefSeq
Other Designations	OTTHUMP00000035959|OTTHUMP00000035960

Disease

- Alzheimer disease
- Asperger Syndrome
- Atrophy
- Attention
- Autistic Disorder
- Bipolar Disorder
- Cognition
- Cognition Disorders
- Depressive Disorder
- Diseases in Twins
- Fatigue Syndrome
- Functional Laterality
- Genetic Predisposition to Disease
- Hypercholesterolemia
- Intelligence Tests
- Memory
- Memory Disorders
- Mental Disorders
- Neuropsychological Tests
- Personality Assessment
- Postmortem Changes
- Psychiatric Status Rating Scales
- Psychotic Disorders
- Schizophrenia

- Schizophrenic Psychology
- Sleep Disorders
- Tobacco Use Disorder
- Translocation
- Verbal Learning
- Werner syndrome