

PAC265Hu01

Polyclonal Antibody to Disrupted In Schizophrenia 1 (DISC1)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.5mg/mL

UOM: 200µL

Cross Reactivity: Mouse;Rat

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant DISC1 (Ser102~Cys261) expressed in *E.coli*

Accession No.: RPC265Hu01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 5-20µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

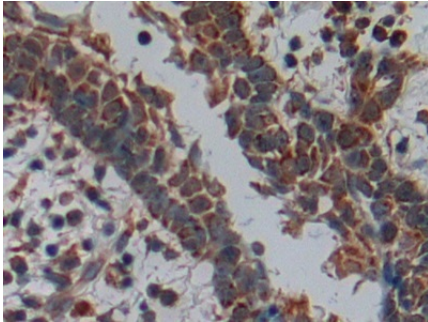
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

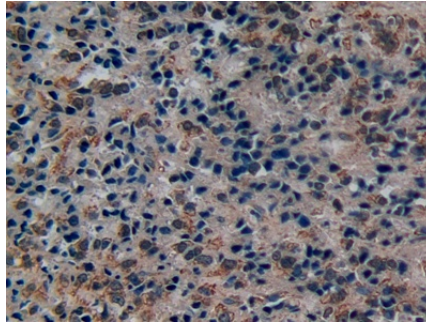
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

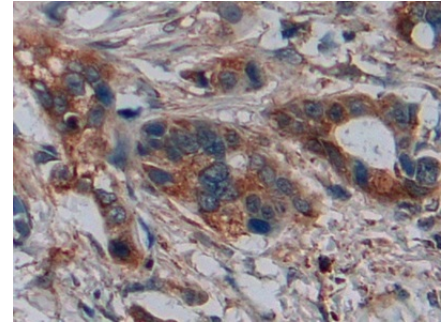
[IDENTIFICATION]



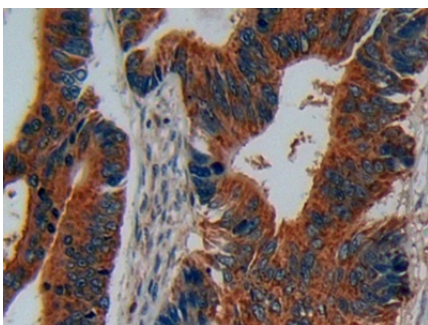
DAB staining on IHC-P; Samples:
Human Skin cancer Tissue; Primary
Ab: 10µg/ml Rabbit Anti-Human DISC1
Antibody Second Ab: 2µg/mL HRP-
Linked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog:
SAA544Rb19)""DAB staining on IHC-P;
Samples: Human Skin cancer Tissue;
Primary Ab: 10µg/ml Rab



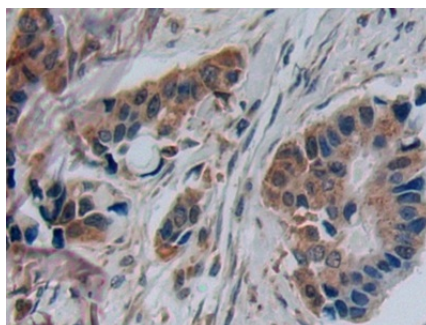
DAB staining on IHC-P;
Samples: Human Prostate cancer
Tissue;
Primary Ab: 10µg/ml Rabbit Anti-
Human DISC1 Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



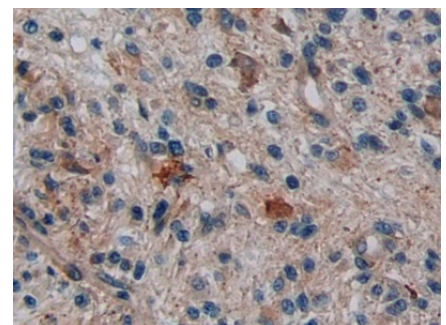
DAB staining on IHC-P;
Samples: Human Pancreatic cancer
Tissue;
Primary Ab: 10µg/ml Rabbit Anti-
Human DISC1 Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Samples: Human Colorectal cancer
Tissue;
Primary Ab: 10µg/ml Rabbit Anti-
Human DISC1 Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody



DAB staining on IHC-P;
Samples: Human Breast cancer Tissue;
Primary Ab: 10µg/ml Rabbit Anti-
Human DISC1 Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Samples: Human Glioma Tissue;
Primary Ab: 10µg/ml Rabbit Anti-
Human DISC1 Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

(Catalog: SAA544Rb19)

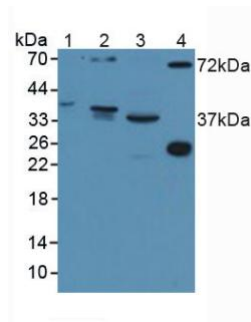
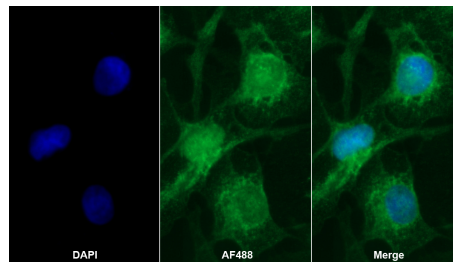


Figure. Western Blot; Sample: Lane1: Human Serum; Lane2: Mouse Brain Tissue; Lane3: Mouse Kidney Tissue; Lane4: Rat Serum.



AF488 staining on IF;

Sample: U2OS cell

Primary Ab: 20µg/ml Rabbit Anti-

Human DISC1 Antibody

Second Ab: 2?g/ml AF488-Linked

Caprine Anti-Rabbit IgG Polyclonal
Antibody

(Catalog: SAA544Rb11)

[**IMPORTANT NOTE**]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.