

**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

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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; IP.

### [ **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% NaN<sub>3</sub>, 50% glycerol.

### [ **STORAGE AND STABILITY** ]

**Storage:** Avoid repeated freeze/thaw cycles.

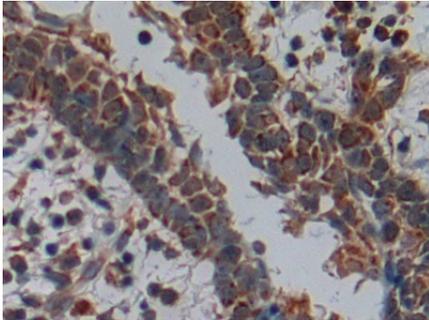
Store at 4°C for frequent use.

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

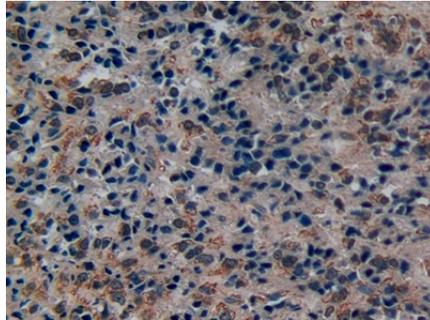
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

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

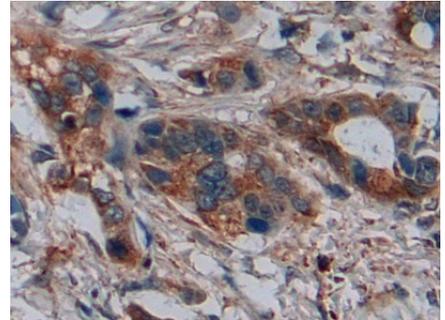
**[ IDENTIFICATION ]**



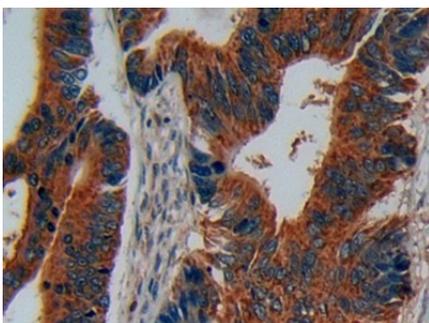
DAB staining on IHC-P; Samples: Human Skin cancer Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human DISC1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)""DAB staining on IHC-P; Samples: Human Skin cancer Tissue; Primary Ab: 10µg/ml Rab



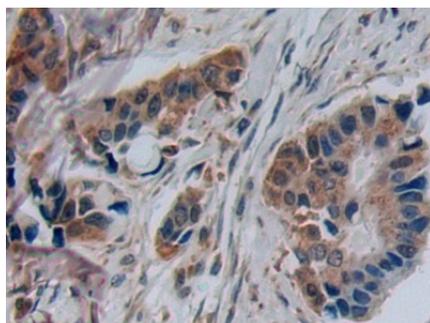
DAB staining on IHC-P; Samples: Human Prostate cancer Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human DISC1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



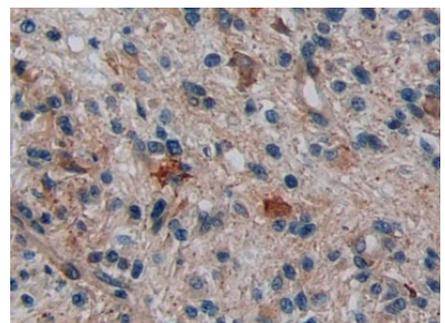
DAB staining on IHC-P; Samples: Human Pancreatic cancer Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human DISC1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



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)

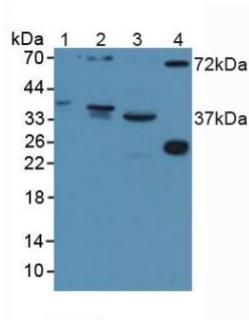
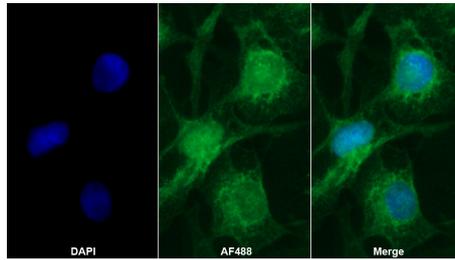


Figure. Western Blot; Sample: Lane1: Human Serum; Lane2: Mouse Brain Tissue; Lane3: Mouse Kidney Tissue; Lane4: Rat Serum.



AF488 staining on IF;

Sample: U2OS cell

Primary Ab: 20 $\mu$ g/ml Rabbit Anti-Human DISC1 Antibody

Second Ab: 2 $\mu$ 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.