

PAJ557Hu01

Polyclonal Antibody to Beclin 1 (BECN1)

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: 0.25mg/mL

UOM: 1mL

Cross Reactivity: Mouse;Rat;Canine;Porcine;Bovine;Caprine;Ovine

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant BECN1 (Met1~Thr273 (Accession # Q14457)) expressed in *E.coli*

Accession No.: RPJ557Hu01

[APPLICATIONS]

Western blotting: 0.01-3µg/mL;

Immunohistochemistry: 5-30µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

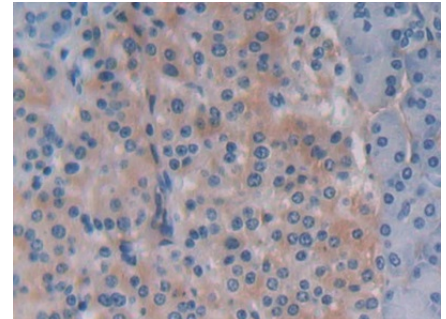
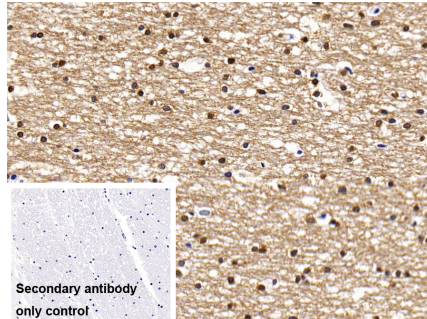
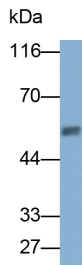
Store at 4°C for frequent use.

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.

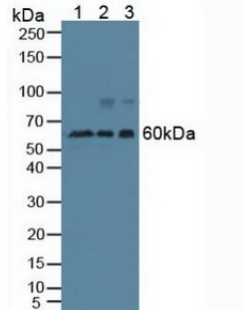
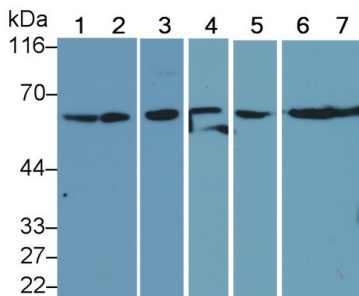
[IDENTIFICATION]



Western Blot; Sample: Rat Cerebrum lysate Primary Ab: 0.1μg/ml Rabbit Anti-Human BECN1 Antibody Second Ab: 0.2μg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

DAB staining on IHC-P; Samples: Human Cerebrum Tissue; Primary Ab: 30μg/ml Rabbit Anti-Human BECN1 Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

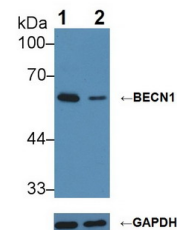
DAB staining on IHC-P; Samples: Human Pancreas Tissue; Primary Ab: 30μg/ml Rabbit Anti-Human BECN1 Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: Porcine Cerebrum lysate; Lane2: Rat Cerebrum lysate; Lane3: Mouse Cerebrum lysate; Lane4: Canine Cerebrum lysate; Lane5: Bovine Cerebrum lysate; Lane6: Caprine Cerebrum lysate; Lane7: T-47D cell lysate Primary Ab: 0.3μg/ml Rabbit Anti-Human BECN1 Antibody Second Ab: 0.2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal

Figure. Western Blot; Lane1: Human A431 Cells; Lane2: Human Hela Cells; Lane3: Porcine Brain Tissue.

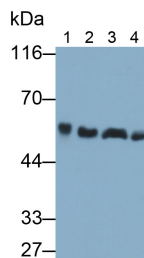
Knockout Varification: Lane 1: Wild-type MCF7 cell lysate; Lane 2: BECN1 knockout MCF7 cell lysate; Predicted MW: 52kDa Observed MW: 60kDa Primary Ab: 3μg/ml Rabbit Anti-Human BECN1 Antibody Second Ab: 0.2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



Antibody

(Catalog: SAA544Rb19)

(Catalog: SAA544Rb19) Selected



Western Blot; Samples: Lane1: Ovine

Cerebrum lysate; Lane2: Bovine

Cerebrum lysate; Lane3: MCF7 cell

lysate; Lane4: A431 cell lysate;

Primary Ab: 0.1µg/ml Rabbit Anti-

Human BECN1 Antibody

Second Ab: 0.2µg/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)

[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.