

A7353

Leader in Biomolecular Solutions for Life Science



Beclin 1 Rabbit pAb

Catalog No.: A7353

132 Publications

Basic Information

Observed MW

60kDa

Calculated MW

52kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,IP,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

This gene encodes a protein that regulates autophagy, a catabolic process of degradation induced by starvation. The encoded protein is a component of the phosphatidylinositol-3-kinase (PI3K) complex which mediates vesicle-trafficking processes. This protein is thought to play a role in multiple cellular processes, including tumorigenesis, neurodegeneration and apoptosis. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:100 - 1:500

IP 0.5µg-4µg antibody for
200µg-400µg extracts
of whole cells

ELISA Recommended starting
concentration is 1
µg/mL. Please optimize
the concentration
based on your specific
assay requirements.

Immunogen Information

Gene ID

8678

Swiss Prot

Q14457

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

ATG6; VPS30; beclin1; Beclin 1

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Contact



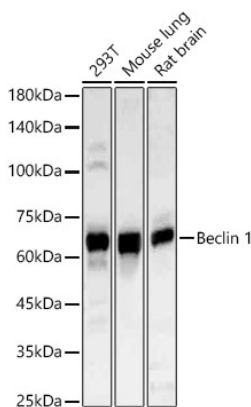
www.abclonal.com

Storage

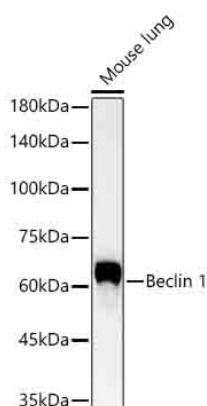
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

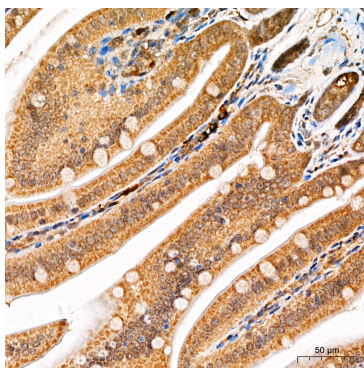
Validation Data



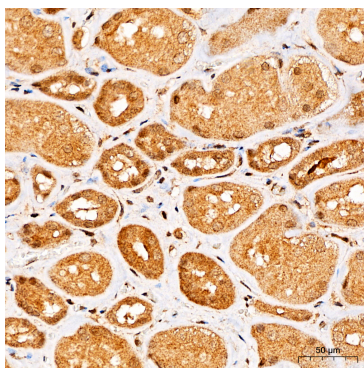
Western blot analysis of various lysates, using [KO Validated] Beclin 1 Rabbit pAb (A7353) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.



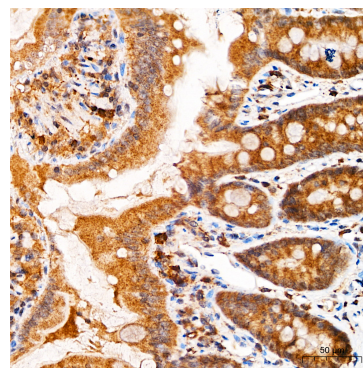
Western blot analysis of lysates from Mouse lung using [KO Validated] Beclin 1 Rabbit pAb (A7353) at 1:900 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded Mouse intestine tissue using Beclin 1 Rabbit pAb (A7353) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.

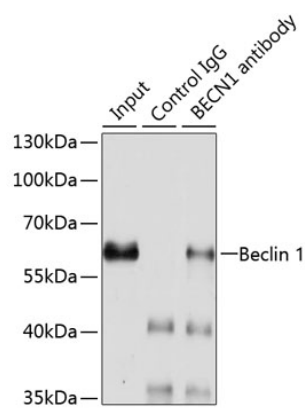


Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using Beclin 1 Rabbit pAb (A7353) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using Beclin 1 Rabbit pAb (A7353) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.

Validation Data



Immunoprecipitation analysis of 200 µg extracts of HeLa cells using 3 µg Beclin 1 antibody (A7353). Western blot was performed from the immunoprecipitate using Beclin 1 antibody (A7353) at a dilution of 1:1000.