

Beclin 1 Rabbit pAb

Catalog NO.: A7353 **145 Publications**

Basic Information

Observed MW

60 kDa

Calculated MW

52 kDa

Category

Polyclonal Antibodies

Applications

WB, IP, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

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 - 1:5000

IP

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

IHC-P 1:100 - 1:500

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

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

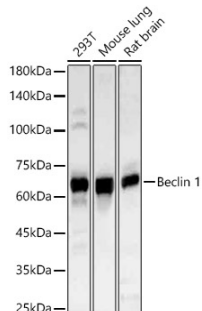
Affinity purification

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 Beclin 1 Rabbit pAb (A7353) at 1:1000 dilution.

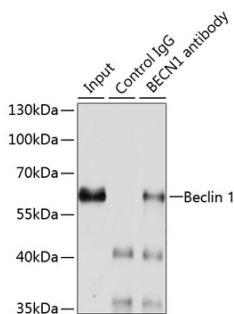
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

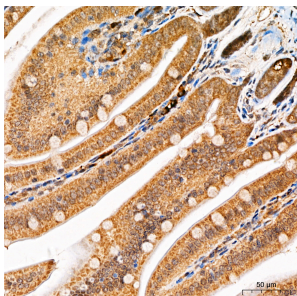
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

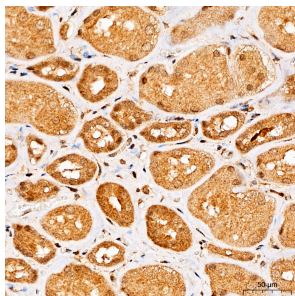
Exposure time: 60s.



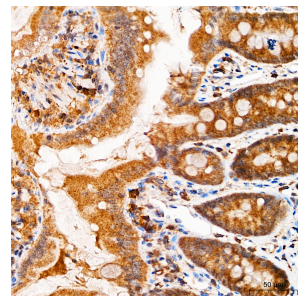
Immunoprecipitation analysis of 200 µg extracts of HeLa cells using 3 µg Beclin 1 antibody (A7353). Western blot was performed from the immunoprecipitate using Beclin 1 antibody (A7353) at a dilution of 1:1000.



Immunohistochemistry analysis of paraffin-embedded Mouse intestine tissue using Beclin 1 Rabbit pAb (A7353) at a dilution of 1:300 (40x lens). High



Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using Beclin 1 Rabbit pAb (A7353) at a dilution of 1:300 (40x lens). High



Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using Beclin 1 Rabbit pAb (A7353) at a dilution of 1:300 (40x lens). High pressure

pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.

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