

Beclin 1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_003757.1

Catalog No. A302-567A-T GenelD 8678

Lot No. A302-567A-T-1

APPLICATIONS	IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Orangutan
AMOUNT	10 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to Beclin 1 immobilized on solid support.

The epitope recognized by A302-567A-T maps to a region between residue 50 and 100 of human Beclin 1 using the numbering given in entry NP_003757.1 (GenelD 8678).

Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

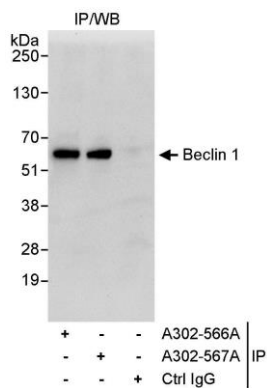
Western Blot Not recommended. Use rabbit anti-Beclin 1 antibody A302-566A.

Immunoprecipitation 2 – 5 µg/mg lysate

ADDITIONAL INFO <https://www.bethyl.com/product/A302-567A-T>

Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: June 6, 2022



Detection of human Beclin 1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-Beclin 1 antibody A302-567A used for IP at 3 $\mu\text{g}/\text{mg}$ lysate. Beclin 1 was also immunoprecipitated by rabbit anti-Beclin 1 antibody A302-566A, which recognizes an upstream epitope. For blotting immunoprecipitated Beclin 1, A302-566A was used at 1 $\mu\text{g}/\text{ml}$. *Detection:* Chemiluminescence with an exposure time of 10 seconds.