Anti-Beclin 1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P107837

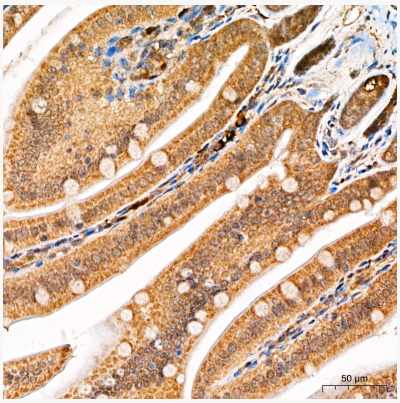
Product Information

Application	WB, IP, IHC-P, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:5000; IP 0.5μg-4μg antibody for 200μg-400μg extracts of whole cells; IHC-P 1:100~1:500
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human Beclin 1 (NP_003757.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Beclin 1 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

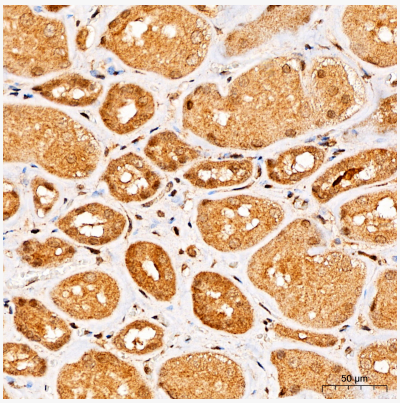
Protein Information

Synonyms	ATG6; VPS30; beclin1; Beclin 1.
Calculated MW	Calculated MW: 52 kDa; Observed MW: 60 kDa
Uniprot ID	Q14457
Gene ID	8678
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.

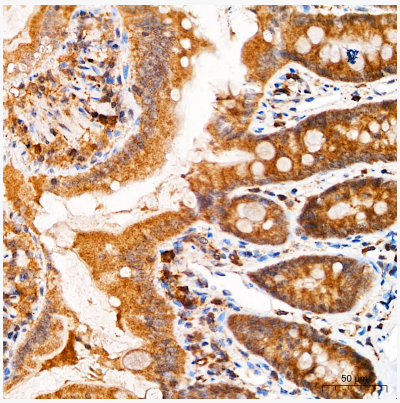
Validation Images



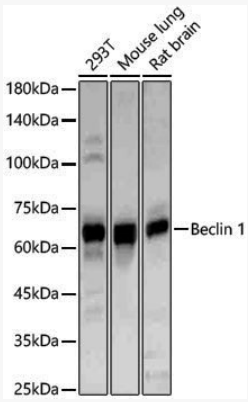
Immunohistochemistry analysis of paraffin-embedded Mouse intestin tissue using Beclin 1 Rabbit pAb (P107837) at a dilution of 1:300 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.



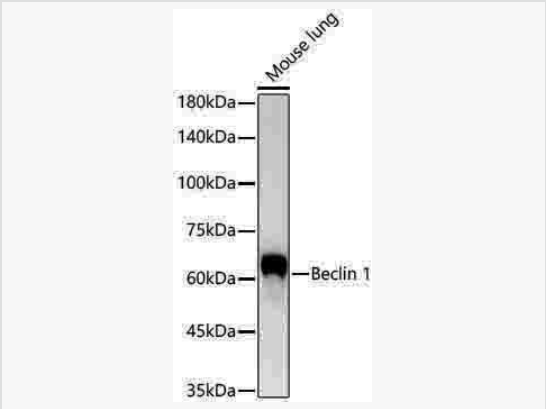
Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using Beclin 1 Rabbit pAb (P107837) at a dilution of 1:300 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.



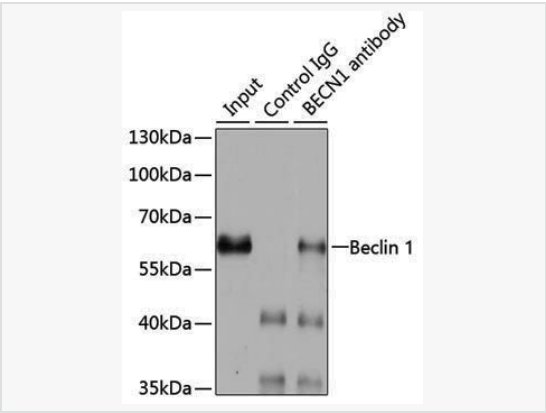
Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using Beclin 1 Rabbit pAb (P107837) at a dilution of 1:300 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.



Western blot analysis of various lysates, using [KO Validated] Beclin 1 Rabbit pAb (P107837) at 1:1,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 60s.



Western blot analysis of lysates from Mouse lung using [KO Validated] Beclin 1 Rabbit pAb (P107837) at 1:900 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 60s.



Immunoprecipitation analysis of 200 µg extracts of HeLa cells using 3 µg Beclin 1 antibody (P107837). Western blot was performed from the immunoprecipitate using Beclin 1 antibody (P107837) at a dilution of 1:1000.