

Product datasheet for **TA373990**

Beclin 1 (BECN1) Rabbit Polyclonal Antibody

Product data:

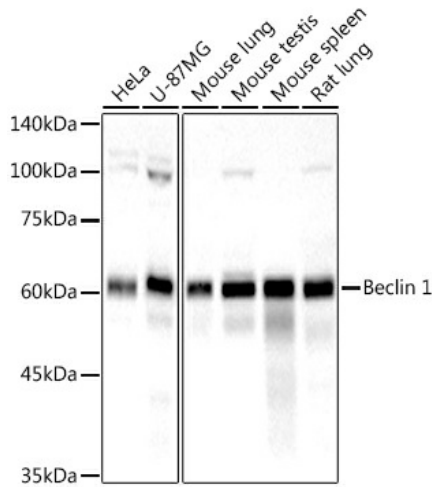
| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IP, WB |
| Recommended Dilution: | WB,1:500 - 1:2000 IHC,1:50 - 1:200 IF,1:50 - 1:200 IP,1:50 - 1:100 |
| Reactivity: | Human, Mouse, Rat |
| Modifications: | Unmodified |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human Beclin 1 (NP_003757.1). |
| Formulation: | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| Concentration: | lot specific |
| Purification: | Affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. |
| Stability: | Shelf life: one year from despatch. |
| Predicted Protein Size: | 51kDa |
| Gene Name: | beclin 1 |
| Database Link: | Entrez Gene 8678 Human Q14457 |
| 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. |



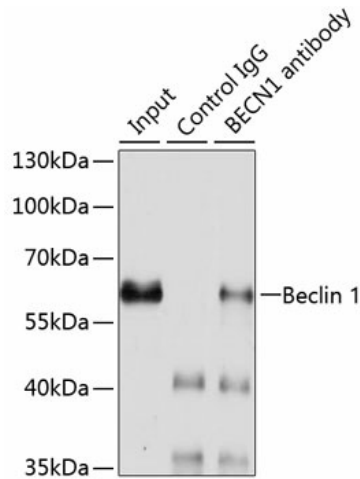
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Synonyms: ATG6; beclin1; GT197; VPS30

Product images:



Western blot analysis of extracts of various cell lines, using Beclin 1 antibody (TA373990) at 1:500 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 30s.



Immunoprecipitation analysis of 200ug extracts of HeLa cells using 3ug Beclin 1 antibody (TA373990). Western blot was performed from the immunoprecipitate using Beclin 1 antibody (TA373990) at a dilution of 1:1000.