

**Anti-Beclin1 (Ser295) Antibody**

Our Anti-Beclin1 (Ser295) rabbit polyclonal phosphospecific primary antibody from  
PhosphoSolutions i  
Catalog # AN1321

**Specification****Anti-Beclin1 (Ser295) Antibody - Product Information**

Primary Accession	<a href="#">Q14457</a>
Reactivity	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	51896

**Anti-Beclin1 (Ser295) Antibody - Additional Information**

Gene ID **8678**

**Other Names**

PG6 antibody, ATG 6 antibody, ATG6 antibody, ATG6 autophagy related 6 homolog antibody, Bcl-2-interacting protein beclin antibody, Beclin 1 (coiled coil moesin like BCL2 interacting protein) antibody, Beclin 1 autophagy related antibody, Beclin-1 antibody, Beclin1 antibody, BECN 1 antibody, Becn1 antibody, BECN1\_HUMAN antibody, Coiled coil myosin like BCL2 interacting protein antibody, Coiled-coil myosin-like BCL2-interacting protein antibody, GT197 antibody, Protein GT197 antibody, VPS 30 antibody, VPS30 antibody

**Target/Specificity**

Beclin-1 plays a key role in tumor suppression and autophagy. It has been suggested that autophagy proteins such as beclin-1 can inhibit tumorigenesis and that decreased expression of these proteins may contribute to the development of human malignancies (Liang et al., 1999). Akt-mediated phosphorylation of beclin-1 at Ser-295 has been shown to decrease autophagy and promote oncogenesis (Wang et al., 2012).

**Format**

Antigen Affinity Purified from Pooled Serum

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Anti-Beclin1 (Ser295) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Shipping**

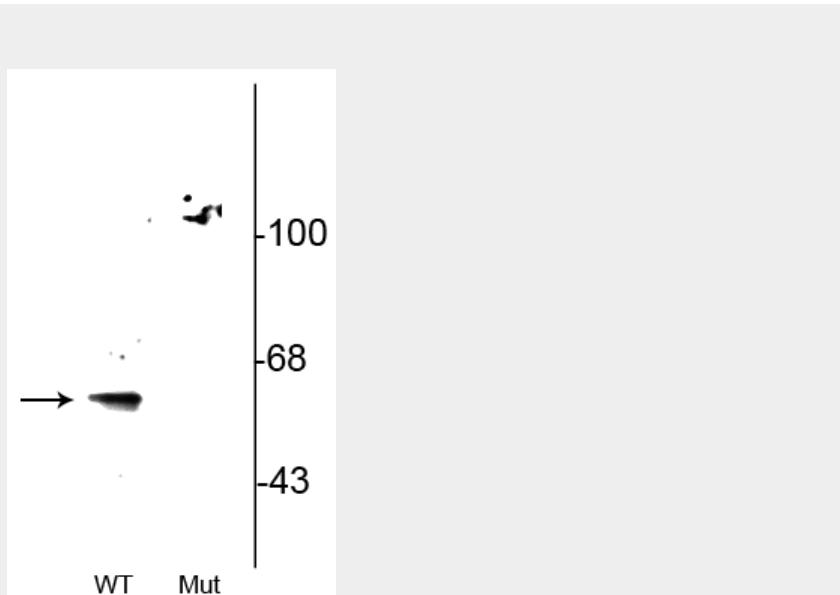
Blue Ice

**Anti-Beclin1 (Ser295) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### Anti-Beclin1 (Ser295) Antibody - Images



Western blot of wild type (WT) beclin-1 expressed in HeLa cell lysate showing specific immunolabeling of beclin-1 phosphorylated at Ser295. This immunolabeling is eliminated in the beclin-1 alanine substitution mutant (S295A: Mut) expressed in HeLa cell lysate.

#### Anti-Beclin1 (Ser295) Antibody - Background

Beclin-1 plays a key role in tumor suppression and autophagy. It has been suggested that autophagy proteins such as beclin-1 can inhibit tumorigenesis and that decreased expression of these proteins may contribute to the development of human malignancies (Liang et al., 1999). Akt-mediated phosphorylation of beclin-1 at Ser-295 has been shown to decrease autophagy and promote oncogenesis (Wang et al., 2012).