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Anti-Beclin1 (Ser295) Antibody

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

Product Information

Application	WB
Primary Accession	Q14457
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	51896

Additional Information

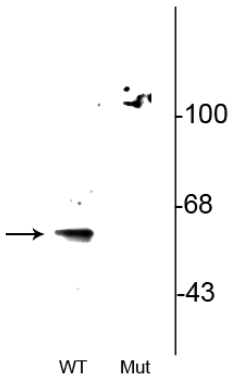
Gene ID	8678
Other Names	PG6 antibody, ATG 6 antibody, ATG6 antibody, ATG6 autophagy related 6 homolog antibody, Bcl-2-interacting protein beclin antibody, Beclin 1 (coiled coil moesin like BCL2 interacting protein) antibody, Beclin 1 autophagy related antibody, Beclin-1 antibody, Beclin1 antibody, BECN 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).
Dilution	WB~~1:1000
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

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).

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.