

Product Datasheet

Beclin 1 [p Ser234] Antibody - Azide Free NBP2-29654

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 1

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Updated 2/23/2025 v.20.1

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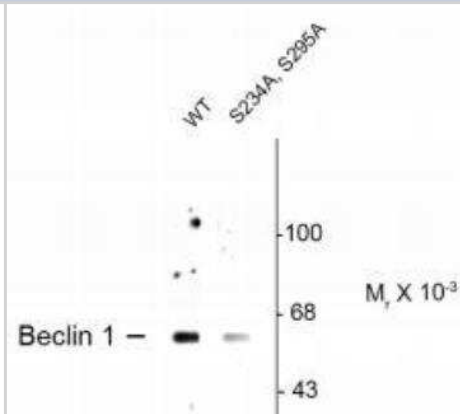
NBP2-29654

Beclin 1 [p Ser234] Antibody - Azide Free

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	60 kDa
Product Description	
Host	Rabbit
Gene ID	8678
Gene Symbol	BECN1
Species	Human, Mouse, Rat
Reactivity Notes	The antibody has been directly tested for reactivity in Western blots with recombinant HeLa and 293T cells. It is anticipated that the antibody will react with bovine, canine, mouse, non-human primate, rat, and sheep tissues based on the fact that these species have 100% homology with the amino acid sequence used as antigen.
Specificity/Sensitivity	Specific for endogenous levels of the ~60 kDa beclin 1 protein phosphorylated at Ser234. Immunolabeling of the beclin 1 band is decreased in the beclin 1 alanine substitution mutant.
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser234 conjugated to KLH. Accession # Q14457. Accession # Q14457
Preparation Method	Prepared from rabbit serum by affinity purification via sequential chromatography on phospho- and dephosphopeptide affinity columns.
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:250
Application Notes	Immunolabeling of the beclin-1 band is decreased in the beclin-1 alanine substitution mutant. Additional bands may be observed in non-immunoprecipitated lysates.

Images

Western Blot: Beclin 1/ATG6 [p Ser234] Antibody [NBP2-29654] -
 Western Blot: Beclin 1/ATG6 [p Ser234] Antibody [NBP2-29654] - Beclin
 1 [p Ser234] Antibody [NBP2-29654] - flag-beclin-1 WT
 immunoprecipitates expressed in 293T cells showing specific
 immunolabeling of beclin-1 when phosphorylated at S234 (WT). This
 immunolabeling is decreased in the beclin-1 double alanine substitution
 mutant (S234A, S295A).



Publications

Muniz-Feliciano L, Doggett TA, Zhou Z, Ferguson TA. RUBCN/rubicon and EGFR regulate lysosomal degradative processes in the retinal pigment epithelium (RPE) of the eye Autophagy 2017-09-21 [PMID: 28933590]



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Products Related to NBP2-29654

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00008678-P01-10ug	Recombinant Human Beclin 1 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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