

# 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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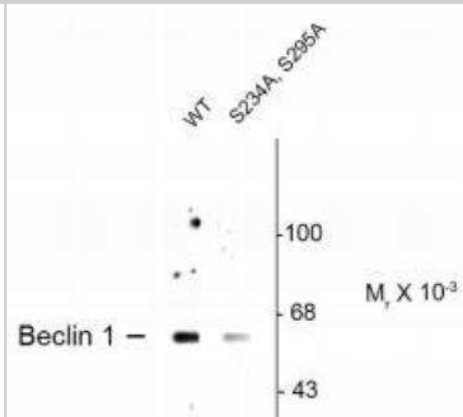


**NBP2-29654****Beclin 1 [p Ser234] Antibody - Azide Free**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
<b>Target Molecular Weight</b>	60 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Beclin 1 [p Ser234] Antibody - Azide Free (NBP2-29654) is a polyclonal antibody validated for use in WB. Anti-Beclin 1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	8678
<b>Gene Symbol</b>	BECN1
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	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.
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser234 conjugated to KLH. Accession # Q14457. Accession # Q14457
<b>Preparation Method</b>	Prepared from rabbit serum by affinity purification via sequential chromatography on phospho- and dephosphopeptide affinity columns.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot 1:250
<b>Application Notes</b>	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**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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