

Anti-p-Beclin1(S93) Rabbit pAb



WLB0055

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-p-Beclin1(S93) Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC, IF	1:100-1:500
Cellular localization	Cytoplasm, Cytoplasmic vesicle, Endoplasmic reticulum, Endosome, Golgi apparatus, Membrane, Mitochondrion, Nucleus.	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	Beclin 1 participates in the regulation of autophagy and has an important role in development, tumorigenesis, and neurodegeneration. Beclin 1 can complement defects in yeast autophagy caused by loss of Apg6 and can also stimulate autophagy when overexpressed in mammalian cells. Autophagy is a catabolic process for the autophagosomic-lysosomal degradation of proteins activated in response to nutrient deprivation and in neurodegenerative conditions. One of the proteins critical to this process is Beclin 1, the mammalian orthologue of the yeast autophagy protein Apg6/Vps30. Mammalian Beclin 1 was originally isolated in a yeast two-hybrid screen for Bcl-2 interacting proteins and has been shown to interact with Bcl-2 and Bcl-xL, but not with Bax or Bak.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of p-Beclin1(S93).
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

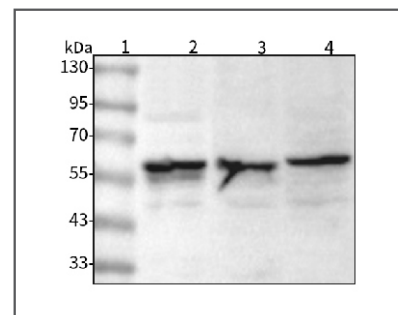
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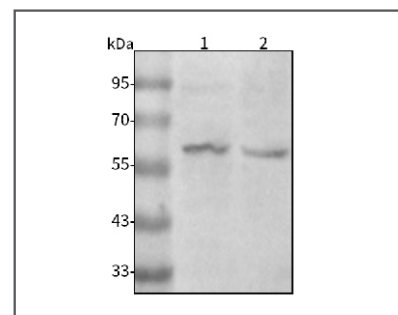
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Product Images



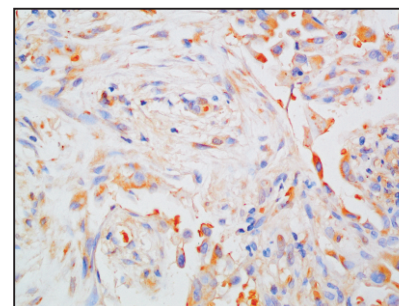
Western blot-Anti-p-Beclin1(S93) pAb

Lane 1: Human TPC-1 cell lysate
Lane 2: Mouse Hepa1-6 cell lysate
Lane 3: Mouse Raw264.7 cell lysate
All lanes: Anti-p-Beclin1(S93) at 1:2000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 52 kDa
 Observed band size: 52-60 kDa



Western blot-Anti-p-Beclin1(S93) pAb

Lane 1: Rat lung tissue lysate
Lane 2: Rat stomach tissue lysate
All lanes: Anti-p-Beclin1(S93) at 1:2000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 52 kDa
 Observed band size: 52-60 kDa



Immunohistochemistry-Anti-p-Beclin1(S93) pAb

Immunohistochemical analysis of paraffin-embedded human lung cancer using anti-p-Beclin1(S93) Rabbit Antibody at 1:100 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

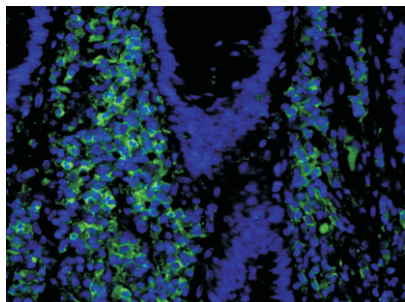
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Immunofluorescence-Anti-p-Beclin1(S93) pAb

Immunofluorescence analysis of paraffin-embedded human colon cancer using anti-p-Beclin1(S93) Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0