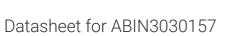
antibodies -online.com





anti-Beclin 1 antibody (AA 181-210)



Images



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Overview	
Quantity:	0.4 mL
Target:	Beclin 1 (BECN1)
Binding Specificity:	AA 181-210
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Beclin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)
Product Details	
Immunogen:	A portion of amino acids 181-210 from the human protein was used as the immunogen for this

Immunogen:	A portion of amino acids 181-210 from the human protein was used as the immunogen for this Beclin 1 antibody.	
Isotype:	Ig Fraction	
Cross-Reactivity (Details):	Expected species reactivity: Bovine, Chicken	
Purification:	Purified	

Target Details

Target:	Beclin 1 (BECN1)	
Alternative Name:	Beclin 1 (BECN1 Products)	
Background: Macroautophagy is the major inducible pathway for the general turnover of cytoplasmic		

constituents in eukaryotic cells, it is also responsible for the degradation of active cytoplasmic enzymes and organelles during nutrient starvation. Macroautophagy involves the formation of double-membrane bound autophagosomes which enclose the cytoplasmic constituent targeted for degradation in a membrane bound structure, which then fuse with the lysosome (or vacuole) releasing a single-membrane bound autophagic bodies which are then degraded within the lysosome (or vacuole). Beclin 1 plays a role in two fundamentally important cell biological pathways: autophagy and apoptosis. Beclin 1 is thought to function as a VPS and autophagy protein as part of a complex with Class III PI3 kinase, Vps34.

secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100

UniProt:

Q14457

Pathways:

Autophagy

Application Details

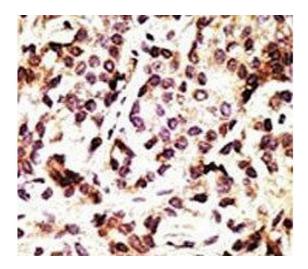
Application Notes:	Titration of the Beclin 1 antibody may be required due to differences in protocols and

For Research Use only

Handling

Restrictions:

Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the Beclin 1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



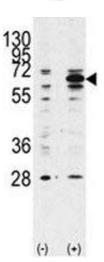
Immunohistochemistry

Image 1. IHC analysis of FFPE human breast carcinoma tissue stained with the Beclin 1 antibody



Western Blotting

Image 2. The Beclin 1 antibody used in western blot to detect BECN1 in mouse liver tissue lysate



Western Blotting

Image 3. Western blot analysis of Beclin 1 antibody and 293 lysate transiently transfected with the BECN1 gene (2ug/lane).

Please check the product details page for more images. Overall 5 images are available for ABIN3030157.