

Datasheet for ABIN652595

anti-Beclin 1 antibody (AA 95-132)**3** Images[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	Beclin 1 (BECN1)
Binding Specificity:	AA 95-132
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Beclin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This Beclin1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 95-132 amino acids from human Beclin1.
Clone:	RB19168
Isotype:	Ig Fraction
Predicted Reactivity:	B, C, Pig, Rat, X
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Beclin 1 (BECN1)
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Target Details

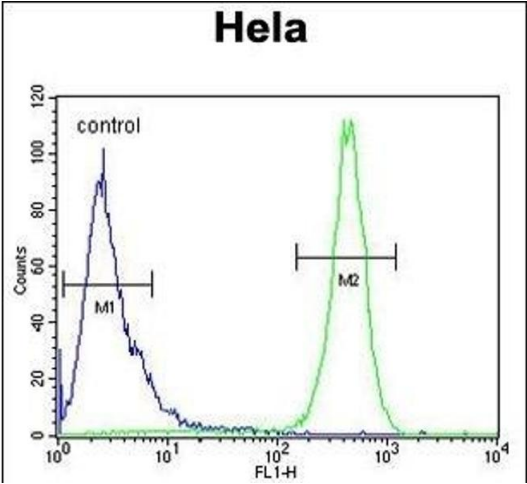
Abstract:	BECN1 Products
Background:	Beclin1-BH3 plays a central role in autophagy (By similarity). It may play a role in antiviral host defense. Protects against infection by a neurovirulent strain of Sindbis virus.
Molecular Weight:	51896
Gene ID:	8678
NCBI Accession:	NP_003757
UniProt:	Q14457
Pathways:	Autophagy

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

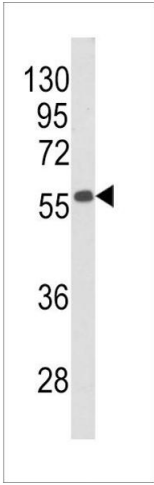
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Storage Comment:	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.
Expiry Date:	6 months



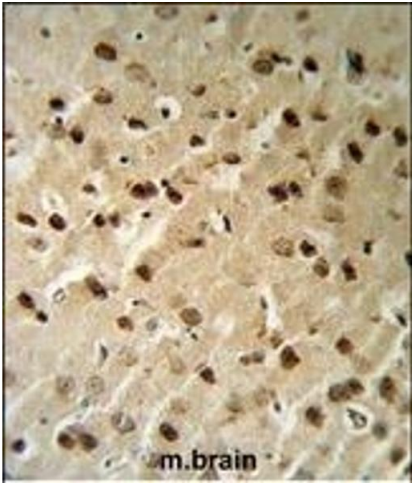
Flow Cytometry

Image 1. Beclin1-BH3 Domain Antibody (ABIN652595 and ABIN2842399) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of Beclin1-BH3 Domain Antibody (ABIN652595 and ABIN2842399) in mouse stomach tissue lysates (35 µg/lane). BECN1 (arrow) was detected using the purified Pab.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Beclin1-BH3 Domain Antibody (ABIN652595 and ABIN2842399) IHC analysis in formalin fixed and paraffin embedded mouse brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the Beclin1-BH3 Domain Antibody for immunohistochemistry. Clinical relevance has not been evaluated.