

Datasheet for ABIN3028504

anti-Beclin 1 antibody (AA 100-123)

3 Images

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Overview

Quantity:	0.4 mL
Target:	Beclin 1 (BECN1)
Binding Specificity:	AA 100-123
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Beclin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	A portion of amino acids 100-123 from the human protein was used as the immunogen for this BECN1 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Bovine, Chicken, Mouse, Pig, Rat, Xenopus
Purification:	Antigen affinity purified

Target Details

Target:	Beclin 1 (BECN1)
Alternative Name:	BECN1 (BECN1 Products)
Background:	Beclin-1 participates in the regulation of autophagy and has an important role in development,

Target Details

	tumorigenesis, and neurodegeneration. [supplied by OMIM].
UniProt:	Q14457
Pathways:	Autophagy

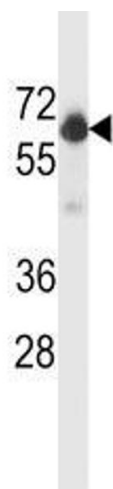
Application Details

Application Notes:	Titration of the BECN1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Immunofluorescence: 1:100,Western blot: 1:1000
Restrictions:	For Research Use only

Handling

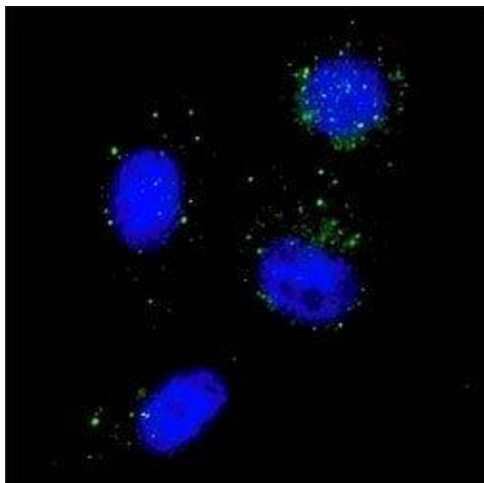
Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the BECN1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



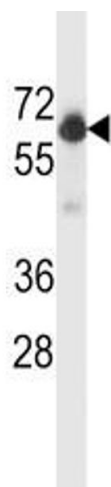
Western Blotting

Image 1. BECN1 antibody western blot analysis in WiDr lysate



Immunofluorescence

Image 2. Fluorescent image of U251 cells stained with BECN1 antibody at 1:100. Immunoreactivity is localized to autophagic vacuoles in the cytoplasm.



Western Blotting

Image 3. BECN1 antibody western blot analysis in WiDr lysate