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# anti-Beclin 1 antibody (C-Term)





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### Overview

Quantity:	0.05 mg
Target:	Beclin 1 (BECN1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Beclin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffinembedded Sections) (IHC (p)), Immunocytochemistry (ICC)

## **Product Details**

Brand:	IHC-plus™
Isotype:	IgG
Purification:	Immunoaffinity purified

## **Target Details**

Target:	Beclin 1 (BECN1)
Alternative Name:	BECN1 / Beclin-1 (BECN1 Products)
Background:	Name/Gene ID: BECN1
	Synonyms: BECN1, ATG6, Beclin 1, Beclin 1, autophagy related, Beclin1, GT197, Protein GT197,

## **Target Details**

	VPS30, Beclin-1
Gene ID:	8678
UniProt:	Q14457
Pathways:	Autophagy

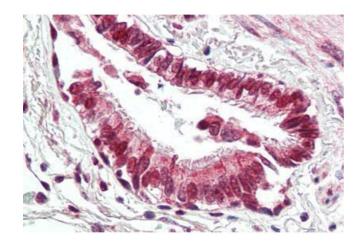
# Application Details

Application Notes:	Approved: ELISA, ICC, IHC, IHC-P (2.5 μg/mL), WB (0.5 - 1 μg/mL)
	Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining
	specificity. The optimal working concentration for this antibody was determined to be 2.5 $\mu$ g/mL.
Comment:	Target Species of Antibody: Human

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Restrictions:	For Research Use only	

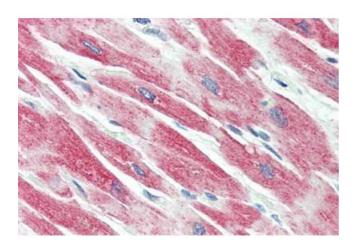
# Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, 0.02 % 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.
Handling Advice:	avoid freeze thaw cycles. Store undiluted.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for 3 months and -20°C, stable for up to 1 year. Avoid repeated freeze-thaw cycles.
Expiry Date:	12 months



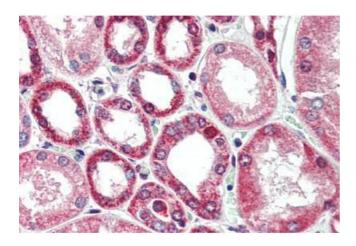
#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Human Lung, Respiratory Epithelium (formalinfixed, paraffin-embedded) stained with BECN1 antibody ABIN461894 at 2.5 ug/ml followed by biotinylated goat antirabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 2.** Human Heart (formalin-fixed, paraffin-embedded) stained with BECN1 antibody ABIN461894 at 2.5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



## Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Human Kidney (formalin-fixed, paraffinembedded) stained with BECN1 antibody ABIN461894 at 2.5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.

Please check the product details page for more images. Overall 4 images are available for ABIN461894.