



Rabbit Anti-Human BECN1 Polyclonal Antibody (CABT-L2055)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Beclin 1 (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against BECN1. It has been selected for its ability to recognize BECN1 in immunohistochemical staining and western blotting.
Target	BECN1
Immunogen	Recombinant fragment corresponding to human BECN1 (Met1~Thr273)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Pig
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	Beclin-1 participates in the regulation of autophagy and has an important role in development, tumorigenesis, and neurodegeneration (Zhong et al., 2009 [PubMed 19270693]).[supplied by OMIM, Jul 2010]
Keywords	ATG6;VPS30;Coiled-Coil,Myosin-Like BCL2 Interacting Protein;ATG6 Autophagy Related 6 Homolog

GENE INFORMATION

Gene Name	BECN1 beclin 1, autophagy related [Homo sapiens (human)]
Official Symbol	BECN1
Synonyms	BECN1; beclin 1, autophagy related; ATG6; VPS30; beclin1; beclin-1; ATG6 autophagy related 6 homolog; coiled-coil myosin-like BCL2-interacting protein; beclin 1 (coiled-coil, moesin-like BCL2 interacting protein); beclin 1 (coiled-coil, moesin-like BCL2-interacting protein);
Entrez Gene ID	8678
Protein Refseq	NP_003757
UniProt ID	A0A024R1X5
Chromosome Location	17q21
Pathway	Regulation of autophagy; Senescence and Autophagy;
Function	protein binding;