

Datasheet for ABIN7138319
anti-Beclin 1 antibody (AA 69-73)



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1 Image

Overview

Quantity:	100 µL
Target:	Beclin 1 (BECN1)
Binding Specificity:	AA 69-73
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Beclin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around aa.69-73(F-I-E-T-P) derived from Human Beclin-1.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Target Details

Target:	Beclin 1 (BECN1)
Alternative Name:	BECN1 (BECN1 Products)
Background:	Background: Plays a central role in autophagy. Required for the abscission step in cytokinesis.

Target Details

May play a role in antiviral host defense. Protects against infection by a neurovirulent strain of Sindbis virus.

Sagona A.P., Nezis I.P., Pedersen N.M., Liestol K., Poulton J., Rusten T.E., Skotheim R.I., Raiborg C., Stenmark H. Nat. Cell Biol. 12:362-371(2010)

Sun Q., Fan W., Chen K., Ding X., Chen S., Zhong Q. Proc. Natl. Acad. Sci. U.S.A. 105:19211-19216(2008)

Aliases: APG6 antibody, ATG 6 antibody, ATG6 antibody, ATG6 autophagy related 6 homolog antibody, Bcl-2-interacting protein beclin antibody, Beclin 1 (coiled coil moesin like BCL2 interacting protein) antibody, Beclin 1 autophagy related antibody, Beclin-1 antibody, Beclin1 antibody, BECN 1 antibody, Becn1 antibody, BECN1_HUMAN antibody, Coiled coil myosin like BCL2 interacting protein antibody, Coiled-coil myosin-like BCL2-interacting protein antibody, GT197 antibody, Protein GT197 antibody, VPS 30 antibody, VPS30 antibody

UniProt: [Q14457](#)

Pathways: [Autophagy](#)

Application Details

Application Notes: WB:1:500-1:1000,

Restrictions: For Research Use only

Handling

Format: Liquid

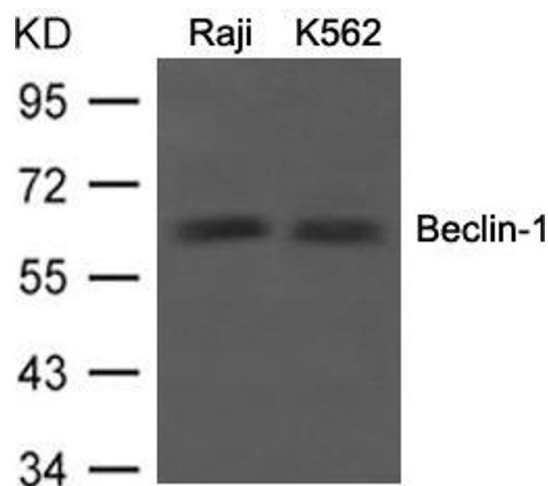
Buffer: Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot analysis of extracts from Raji and K562 cells using Beclin-1 Antibody.