

Datasheet for ABIN658861

anti-Beclin 1 antibody (phosphorylated)**1** Image**1** Publication[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	Beclin 1 (BECN1)
Binding Specificity:	phosphorylated
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Beclin 1 antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	This Belcin 1
Clone:	RB34163
Isotype:	IgG
Predicted Reactivity:	B, C, M, Pig, Rat, X
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

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

Target Details

	tumorigenesis, and neurodegeneration (Zhong et al., 2009 [PubMed 19270693]).[supplied by OMIM].
Molecular Weight:	51896
NCBI Accession:	NP_003757
UniProt:	Q14457
Pathways:	Autophagy

Application Details

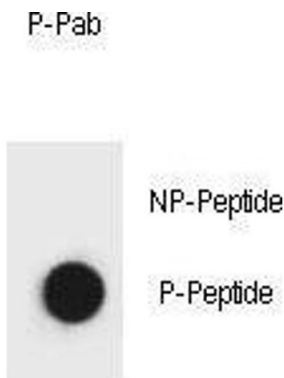
Application Notes:	DB: 1:500
Restrictions:	For Research Use only

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
Expiry Date:	6 months

Publications

Product cited in:	Fujiwara, Usui, Ohama, Sato: "Regulation of Beclin 1 Protein Phosphorylation and Autophagy by Protein Phosphatase 2A (PP2A) and Death-associated Protein Kinase 3 (DAPK3)." in: The Journal of biological chemistry , Vol. 291, Issue 20, pp. 10858-66, (2016) (PubMed).
-------------------	---



Dot Blot

Dot Blot

Image 1. Dot blot analysis of Beclin 1 phospho antibody Phospho-specific Pab (ABIN658861 and ABIN2839835) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.6 µg per ml.