

# Beclin1 (Phospho-Ser30) Antibody

Catalog No: #11600

Package Size: #11600-1 50ul #11600-2 100ul

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## Description

Product Name	Beclin1 (Phospho-Ser30) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC IP
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of Beclin1 only when phosphorylated at serine 30.
Immunogen Type	Peptide
Immunogen Description	Peptide sequence around phosphorylation site of serine 30 (D-T-S(p)-F-K) derived from Human Beclin1.
Other Names	ATG6,VPS30,beclin1
Accession No.	Swiss-Prot#: Q14457 NCBI Gene ID: 8678 NCBI mRNA#: NM_003766.4 NCBI Protein#: NP_003757.1
Calculated MW	52KD
Concentration	1.0mg/mL
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

WB dilution: 1:500~1:1000

IHC dilution: 1:50~1:100

IP dilution: 1:20~1:50

## Product Description

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

## Background

Beclin-1 participates in the regulation of autophagy and has an important role in development, tumorigenesis, and neurodegeneration

## References

Xu Qian, et al. Phosphoglycerate kinase 1 phosphorylates Beclin1 to induce autophagy. Mol Cell. 2017 March 02; 65(5): 917&ndash;931.e6. doi:10.1016/j.molcel.2017.01.027. Autho

## Published Papers

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el at., Phosphoglycerate Kinase 1 Phosphorylates Beclin1 to Induce Autophagy.In Mol Cell on 2017 Mar 2 by Xu Qian , Xinjian Li,et al..PMID:  
28238651, , (2017)  
[PMID:28238651](#)

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.