

Beclin1 (Phospho-Ser30) Antibody

Catalog No: #11600

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

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Beclin1 (Phospho-Ser30) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC IP
Species Reactivity	Human;Mouse;Rat
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.
Conjugates	Unconjugated
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 ²⁺ and Ca ²⁺), 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 Qian1,et al. Phosphoglycerate kinase 1 phosphorylates Beclin1 to induce autophagy.Mol Cell. 2017 March 02; 65(5): 917–931.e6.
doi:10.1016/j.molcel.2017.01.027. Autho

Published Papers

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](#)

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