

## Anti-Phospho-Becn-1 (Ser15) Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Actual: 60 kDa.
Purification:	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

### Applications

Application:	WB
Recommended	WB: 1:1000-2000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized phosphopeptide: human Becn-1 around the phosphorylation site of Ser15
Antigen Species:	human
Uniprot ID:	Q14457
Synonyms:	p-Becn-1 (Ser15);Becn-1 (p-Ser15);Becn-1 (p-S15);p-Becn-1 (S15)

### Research Background

beclin 1(BECN1) Homo sapiens This gene encodes a protein that regulates autophagy, a catabolic process of degradation induced by starvation. The encoded protein is a component of the phosphatidylinositol-3-kinase (PI3K) complex which mediates vesicle-trafficking processes. This protein is thought to play a role in multiple cellular processes, including tumorigenesis, neurodegeneration and apoptosis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015],

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