

Beclin-1 Rabbit Polyclonal Antibody

OPR8481

Reactivity	H,M,Ch	Storage	-20°C, Avoid freeze/ thaw cycles
Host	Rabbit	Applications	WB;ELISA
Isotype	IgG	Concentration	1mg/mL

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Immunogen Information

Immunogen	Synthesized peptide derived from Beclin-1. AA range: 110-190
Human Swiss-Prot Number	Q14457
Synonyms	beclin 1, autophagy related beclin 1(BECN1) Homo sapiens

Product Information

Purification	The antibody was affinity-purified from rabbit antiserum by affinity chromatography using epitope-specific immunogen
Dilution	WB: 1:500-2000, ELISA 1:10000-20000
Observed MW	55 kDa

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user.

Background

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.

Research Use

For research use only, not for use in diagnostic procedures.

Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish; X-Xenopus; C-Cow.

Please contact Origin Diagnostics and Research for further assistance

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