

Recombinant Beclin 1 Monoclonal Antibody

catalog number: AN300842L

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

Description

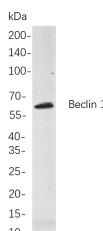
Reactivity	Human;Mouse;Rat;Chicken
Immunogen	Recombinant Human Beclin 1 protein
Host	Rabbit
Isotype	IgG,κ
Clone	B785
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

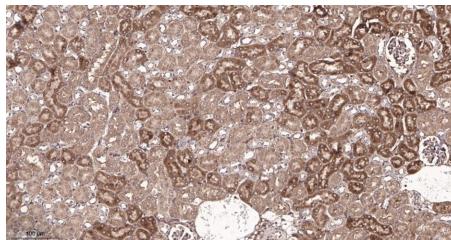
Recommended Dilution

IHC	1:200-1:1000
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200

Data



Western Blot with Recombinant Beclin 1 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Hela cells.
Observed-MW:60 kDa
Calculated-MW:52 kDa



Immunohistochemistry of paraffin-embedded mouse kidney tissue using Recombinant Beclin 1 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

BECN1(beclin 1) *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.

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