

Recombinant Beclin 1 Monoclonal Antibody

catalog number: **E-AB-81447**

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

Description

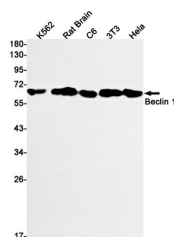
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein of human Beclin 1
Host	Rabbit
Isotype	IgG
Clone	R02-8D5
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications

WB 1:500-1:1000

Recommended Dilution

Data



Western blot detection of Beclin 1 in K562,Rat Brain,C6,3T3,Hela cell lysates using Beclin 1 Rabbit mAb(1:1000 diluted).Predicted band size:52kDa.Observed band size:60kDa.

Observed-MV:52 kDa

Calculated-MV:52 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Beclin-1 (BECN1), also known as ATG6 or VPS30, has a central role in autophagy, a process of programmed cell survival, which is increased during periods of cell stress and extinguished during the cell cycle. Beclin-1, may play a role in antiviral host defense. It protects against infection by a neurovirulent strain of Sindbis virus. Beclin-1 participates in the regulation of autophagy and has an important role in development, tumorigenesis, and neurodegeneration. A progressively reduced Beclin-1 expression is reported to correlate with the primary tumor growth of squamous cell carcinoma and adenocarcinoma of the lung. Caspase-mediated cleavage of Beclin 1 promotes crosstalk between apoptosis and autophagy.

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