

Datasheet for ABIN7384332 **anti-Beclin 1 antibody**

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Overview

Quantity:	50 µL
Target:	Beclin 1 (BECN1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Beclin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Clone:	R02-8D5
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	Beclin 1 (BECN1)
Alternative Name:	Beclin 1 (BECN1 Products)
Background:	APG6,ATG 6,ATG6,ATG6 autophagy related 6 homolog,Bcl-2-interacting protein beclin,Beclin 1 (coiled coil moesin like BCL2 interacting protein),Beclin 1 autophagy related,Beclin-1,Beclin1,BECN 1,Becn1,BECN1,Coiled coil myosin like BCL2 interacting protein,Coiled-coil myosin-like BCL2-interacting protein,GT197,Protein GT197,VPS 30,VPS30,Beclin-1 (BECN1), also known as ATG6 or VPS30, has a central role in autophagy, a process of programmed cell

Target Details

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.

Molecular Weight: Observed_MW: 52kDa
Calculated_MW: 52kDa

Gene ID: 8678

UniProt: [Q14457](#)

Pathways: [Autophagy](#)

Application Details

Application Notes: WB 1:500-1:1000

Restrictions: For Research Use only

Handling

Concentration: 300 µg/mL

Buffer: 50 mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40 % Glycerol, 0.01 % Sodium azide and 0.05 % BSA

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.