

Rabbit Beclin1-BH3 Domain Polyclonal Antibody | anti-BECN1 antibody

Beclin1-BH3 Domain Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283754	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Chicken, Pig, Rat, Xenopus)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

Beclin1-BH3 Domain; Polyclonal Antibody; Beclin1-BH3 Domain Antibody; Beclin-1; Coiled-coil myosin-like BCL2-interacting protein; Protein GT197; BECN1; GT197; anti-BECN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Chicken, Pig, Rat, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Beclin1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 95-132 amino acids from human Beclin1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.32 (varies by lot)
Sequence Positions	95-132
Sequence Length	450
Applicable Applications for anti-BECN1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Beclin1-BH3 Domain Antibody flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Beclin1-BH3 Domain Antibody IHC analysis in formalin fixed and paraffin embedded mouse brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the Beclin1-BH3 Domain Antibody for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of Beclin1-BH3 Domain Antibody in mouse stomach tissue lysates (35ug/lane). BECN1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-BECN1 antibody	Beclin1-BH3 plays a central role in autophagy (By similarity). It may play a role in antiviral host defense. Protects against infection by a neurovirulent strain of Sindbis virus.
Product Categories/Family for anti-BECN1 antibody	Cancer ; Metabolism ; Microbiology ; Neuroscience ; Signal Transduction
References	Won,K.Y., et.al., Hum. Pathol. 41 (1), 107-112 (2010) Oberstein,A., et.al., J. Biol. Chem. 282 (17), 13123-13132 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502395
NCBI GeneID	8678
NCBI Accession #	NP_003757.1
NCBI GenBank Nucleotide #	NM_003766.3
UniProt Accession #	Q14457 ; O75595 ; Q9UNA8 ; B2R6N7
Molecular Weight	51896
NCBI Official Full Name	beclin-1
NCBI Official Synonym Full Names	beclin 1, autophagy related
NCBI Official Symbol	BECN1
NCBI Official Synonym Symbols	ATG6; VPS30; beclin1
NCBI Protein Information	beclin-1
UniProt Protein Name	Beclin-1
UniProt Gene Name	BECN1
UniProt Synonym Gene Names	GT197
UniProt Entry Name	BECN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/beclin1-bh3-domain-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/283754>