

Rabbit BECN1 Polyclonal Antibody | anti-BECN1 antibody

BECN1 Polyclonal Antibody

CATALOG # AAA167257	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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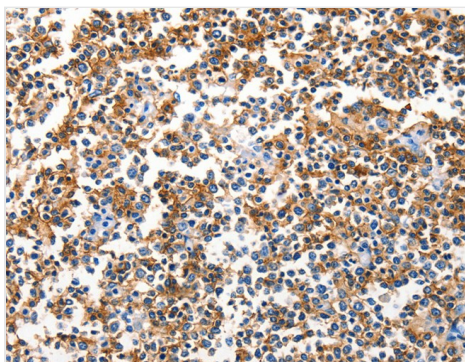
PRODUCT SYNONYMS

BECN1; Polyclonal Antibody; BECN1 Polyclonal Antibody; ATG6; VPS30; beclin1; anti-BECN1 antibody

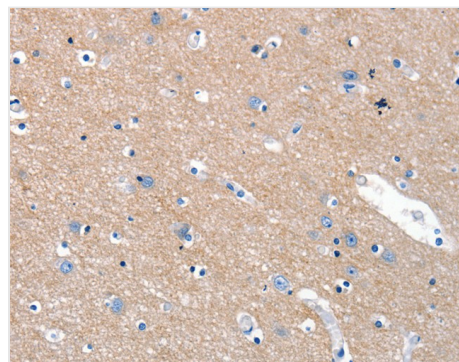
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.6mg/mL (varies by lot)
Sequence Length	450
Applicable Applications for anti-BECN1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human BECN1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human tonsil tissue using BECN1 Polyclonal Antibody at dilution 1:15



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human brain tissue using BECN1 Polyclonal Antibody at dilution 1:15

ADDITIONAL INFORMATION

Related Product Information for anti-BECN1 antibody	Beclin-1 is a protein that in humans is encoded by the BECN1 gene. Beclin-1 is also known as autophagy-related gene (Atg) 6. Beclin-1 and its binding partner class III phosphoinositide 3-kinase (PI3K), also named Vps34, which are participates in the regulation of autophagy and has an important role in development, tumorigenesis, and neurodegeneration. Plays a central role in autophagy. Required for the abscission step in cytokinesis. May play a role in antiviral host defense. Protects against infection by a neurovirulent strain of Sindbis virus. Interacts with GOPC and GRID2. Interacts with AMBRA1. Forms a complex with PIK3C3 and PIK3R4 and either UVRAG and KIAA0226/Rubicon, or with ATG14. UVRAG and ATG14 form mutually exclusive complexes through direct competition for BECN1-binding.
Product Categories/Family for anti-BECN1 antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	13124704
NCBI GeneID	8678
Molecular Weight	51,896 Da
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; ATG6 autophagy related 6 homolog; beclin 1 (coiled-coil, moesin-like BCL2 interacting protein); beclin 1 (coiled-coil, moesin-like BCL2-interacting protein); coiled-coil myosin-like BCL2-interacting protein
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/becn1-antibody-immunohistochemistry-elisa/167257>