

Rabbit BECN1 Polyclonal Antibody | anti-BECN1 antibody

BECN1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174408	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry

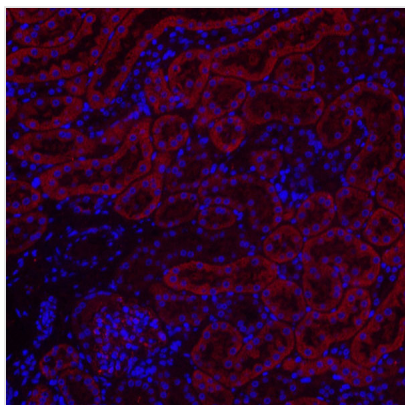
PRODUCT SYNONYMS

BECN1; Polyclonal Antibody; BECN1 Polyclonal Antibody; 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; Coiled coil myosin like BCL2 interacting protein; Coiled-coil myosin-like BCL2-interacting protein; GT197; Protein GT197; VPS 30; VPS30; anti-BECN1 antibody

PRODUCT SPECIFICATIONS

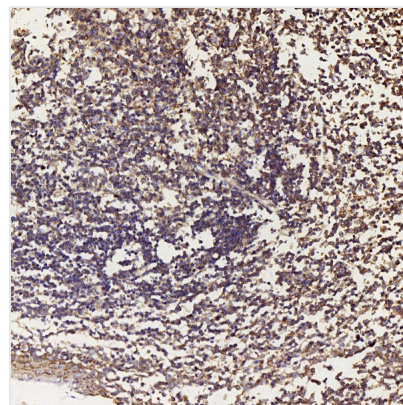
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	2.6 mg/mL (varies by lot)
Sequence Length	450
Applicable Applications for anti-BECN1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse Beclin1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded mouse kidney using BECN1 Polyclonal Antibody at dilution of 1:300.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human tonsil using BECN1 Polyclonal Antibody at dilution of 1:500.

ADDITIONAL INFORMATION

Related Product Information for anti-BECN1 antibody	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.
Product Categories/Family for anti-BECN1 antibody	Cancer; Epigenetics and Nuclear Signaling; Metabolism; Microbiology; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	929524267
NCBI GeneID	8678
NCBI Accession #	NP_001300927.1
NCBI GenBank Nucleotide #	NM_001313998.2
UniProt Accession #	Q14457; O75595; Q9UNA8; B2R6N7
Molecular Weight	51,896 Da
NCBI Official Full Name	beclin-1 isoform a
NCBI Official Synonym Full Names	beclin 1
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

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://www.aaabiotech.com/polyclonal/becn1-antibody-immunofluorescence-immunohistochemistry-elisa/174408>