

Rabbit Beclin 1 Polyclonal Antibody | anti-BECN1 antibody

Polyclonal Antibody to Beclin 1 (BECN1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20950	Rabbit	Human, Mouse, Rat, Dog, Pig, Bovine, Sheep	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

Beclin 1; Polyclonal Antibody; Polyclonal Antibody to Beclin 1 (BECN1); anti-BECN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Dog, Pig, Bovine, Sheep
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against BECN1. It has been selected for its ability to recognize BECN1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGSGSE F-MEGSKTSN NSTMQVSFVC QRCSQPLKLD TSFKILDRVT IQELTAPLLT TAQAKPGETQ EEETNSGEEP FIETPRQDGV SRRFIPPARM MSTESANSFT LIGEASDGGT MENLSRRLKV TGDLDIMSG QTDVDHPLCE ECTDTLLDQL DTQLNVTENE CQNYKRCLEI LEQMNEEDSE QLQMKELKA LEEERLIQEL EDVEKNRKIV AENLEKVQAE AERLDQEEAQ YQREYSEFKR QQLELDDELK SVENQMRYAQ TQ
Applicable Applications for anti-BECN1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western blotting: 0.5-2ug/mL; 1:500-2000 Immunohistochemistry: 5-20ug/mL; 1:50-200 Immunocytochemistry: 5-20ug/mL; 1:50-200 Optimal working dilutions must be determined by end user.
Fragment	BECN1 (Met1~Thr273)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Pig
Conjugate	No Conjugate
Immunogen	Recombinant BECN1 (Met1~Thr273) expressed in E. coli.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type MCF7 cell lysate;;Lane 2: BECN1 knockout MCF7 cell lysate;;Predicted MW: 52kDa ;Observed MW: 60kDa;Primary Ab: 3ug/ml Rabbit Anti-Human BECN1 Antibody;Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;(Human.



WB (Western Blot)

Western Blot: Lane1: Human A431 Cells; Lane2: Human Hela Cells; Lane3: Porcine Brain Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-BECN1 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	929524267
NCBI GeneID	8678
NCBI Accession #	NP_001300927.1
NCBI GenBank Nucleotide #	NM_001313998.1
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://stage.aaabiotech.com/polyclonal/beclin-1-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/20950>