

Rat beclin 1, autophagy related ELISA Kit | BECN1 elisa kit

Rat Beclin-1, BECN1 ELISA Kit

CATALOG #
AAA112260

REACTIVITY
Rat

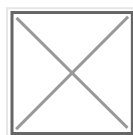
PRODUCT SYNONYMS

beclin 1; autophagy related; Rat Beclin-1; BECN1 ELISA Kit; Rat Beclin-1 (BECN1) ELISA kit; ATG6; VPS30; beclin1; ATG6 autophagy related 6 homolog; beclin 1 (coiled-coil; moesin-like BCL2 interacting protein) ; moesin-like BCL2-interacting protein) ; BECN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat BECN1. No significant cross-reactivity or interference between Rat BECN1 and analogues was observed.
Sequence Length	448
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Immunity
Protein Biological Process 3	Antiviral defense
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BECN1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for BECN1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any BECN1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for BECN1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of BECN1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	77628041
NCBI GeneID	114558
NCBI Accession #	NP_001029289.1
NCBI GenBank Nucleotide #	NM_001034117.1
UniProt Accession #	Q91XJ1
Molecular Weight	51,557 Da
NCBI Official Full Name	beclin-1
NCBI Official Synonym Full Names	beclin 1, autophagy related
NCBI Official Symbol	Becn1
NCBI Protein Information	beclin-1; coiled-coil myosin-like BCL2-interacting protein; beclin 1 (coiled-coil, myosin-like BCL2-interacting protein)
UniProt Protein Name	Beclin-1
UniProt Gene Name	Becn1
UniProt Entry Name	BECN1_RAT

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/becn1-rat-elisa-kits/beclin-1-autophagy-related/112260>