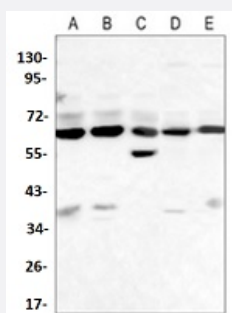


RecomAb™

BECN1 recombinant monoclonal antibody

Catalog # RAB02441 Size 100 uL

Applications



Western Blot

Western blot analysis of K562 (A), rat brain (B), C6 (C), NIH3T3 (D), HeLa (E) whole cell lysates with Beclin-1 recombinant monoclonal antibody (Cat # RAB02441).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human BECN1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein of human Beclin 1.
Theoretical MW (kDa)	60
Reactivity	Human, Mouse, Rat
Specificity	Recognizes endogenous levels of Beclin-1 protein.
Form	Liquid
Purification	Immunogen affinity chromatography
Isotype	IgG
Recommend Usage	Immunoprecipitation(1:10-1:50) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.

Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of K562 (A), rat brain (B), C6 (C), NIH3T3 (D), Hela (E) whole cell lysates with Beclin-1 recombinant monoclonal antibody (Cat # RAB02441).

- Immunoprecipitation

Gene Info — BECN1

Entrez GeneID	8678
Protein Accession#	Q14457
Gene Name	BECN1
Gene Alias	ATG6, VPS30, beclin1
Gene Description	beclin 1, autophagy related
Omim ID	604378
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	ATG6 autophagy related 6 homolog beclin 1 beclin 1 (coiled-coil, moesin-like BCL2 interacting protein) beclin 1 (coiled-coil, moesin-like BCL2-interacting protein)

Pathway

- [Regulation of autophagy](#)

Disease

- [Alzheimer disease](#)
- [Huntington Disease](#)