



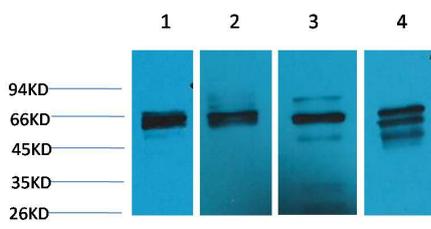
# ELK Biotechnology

**Beclin-1 Rabbit pAb**  
**Catalog NO.: EA162**  
**For research use only.**

## Overview

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Product name	Beclin-1 Rabbit polyclonal antibody
Source	Rabbit
Applications	<b>WB</b>
Species reactivity	<b>Human, Rat, Mouse</b>
Recommended dilutions	<b>WesternBlot:1/1000-2000</b> <b>NOTE: Optimal dilutions should be determined by the end user.</b>
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	<b>60kDa</b>
GeneID (Human)	8678
Human Swiss-Prot No.	Q14457
Cellular localization	Cytoplasm, Cytoplasmic vesicle, Endoplasmic reticulum, Endosome, Golgi apparatus, Membrane, Mitochondrion, Nucleus
Alternative Names	ATG6, Bcl-2 interacting protein beclin, BECN1, Coiled coil myosin like BCL2 interacting protein
Background	Autophagy is a catabolic process for the autophagosomic-lysosomal degradation of proteins activated in response to nutrient deprivation and in neurodegenerative conditions. One of the proteins critical to this process is Beclin-1.



Western blot analysis of 1) Jurkat, 2)293T, 3)C2C12, 4)Rat Kidney, with Beclin-1 Rabbit pAb EA162 diluted at 1:2,000.