



Anti-BECN1 polyclonal antibody (DPAB-DC2504)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	BECN1 (beclin 1, autophagy related) is a protein-coding gene. Diseases associated with BECN1 include head injury, and adenomyosis, and among its related super-pathways are Immune response Toll-like receptor (TLR) ligands and common TLR signaling pathway leading to cell proinflammatory response and Immune response Role of TLRs 3 and 4 in cell antiviral response: TICAM1-specific signaling pathways. GO annotations related to this gene include protein binding.
Specificity	This antibody recognizes ~53 KDa beclin 1 in Jurkat cell lysate. A weak band of ~110 KDa (possibly dimer) can also be observed in Jurkat cells. In mouse intestine tissue lysate, This antibody recognizes a ~100 KDa band (possibly dimer).
Immunogen	A synthetic peptide corresponding to residues surrounding amino acids 25 of mouse Becn1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Pig
Conjugate	Unconjugated
Applications	WB,
Format	Liquid
Size	100 µg
Buffer	In PBS (50% glycerol, 1.0% BSA, 0.02% thimerosal)
Preservative	None

Storage	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.
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GENE INFORMATION

Gene Name	Becn1 beclin 1, autophagy related [Mus musculus (house mouse)]
Official Symbol	BECN1
Synonyms	BECN1; beclin 1, autophagy related; Atg6; 4921513J16Rik; 5430417M23Rik; beclin-1; Bcl-2-interacting protein beclin; coiled-coil myosin-like BCL2-interacting protein; coiled-coil, myosin-like BCL2-interacting protein;
Entrez Gene ID	56208
Protein Refseq	NP_062530
UniProt ID	O88597
Chromosome Location	11 D; 11
Pathway	Regulation of autophagy; Senescence and Autophagy;
Function	protein binding;