



Anti-ULK1 (aa 602-715) polyclonal antibody (DPAB-DC3459)

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

PRODUCT INFORMATION

Antigen Description	ULK1 (unc-51 like autophagy activating kinase 1) is a protein-coding gene. Diseases associated with ULK1 include osteoarthritis, and crohn's disease, and among its related super-pathways are Transcription Receptor-mediated HIF regulation and mTOR signalling. GO annotations related to this gene include protein serine/threonine kinase activity and protein complex binding. An important paralog of this gene is PDIK1L.
Immunogen	ULK1 (NP_003556.1, 602 a.a. ~ 715 a.a) partial recombinant protein with GST tag. The sequence is LRGSPKLPDFLQRNPLPPILGSPTKAVPSFDFPKTPSSQNLLALLARQGVVMTPPRNRTL PDLSEVGPFHGGQLGPGLRPGEDPKGPFGRSFSTSRSLTDLLLKAAFGTQAPDPG
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ULK1 unc-51 like autophagy activating kinase 1 [Homo sapiens (human)]
Official Symbol	ULK1
Synonyms	ULK1; unc-51 like autophagy activating kinase 1; ATG1; ATG1A; UNC51; hATG1; Unc51.1; serine/threonine-protein kinase ULK1; ATG1 autophagy related 1 homolog; autophagy-related protein 1 homolog;
Entrez Gene ID	8408
Protein Refseq	NP_003556
UniProt ID	O75385
Chromosome Location	12q24.3
Pathway	AMPK signaling pathway; Regulation of autophagy; Senescence and Autophagy; mTOR signaling pathway
Function	ATP binding; Rab GTPase binding; protein binding; protein complex binding