



Anti-ATG16L1 (C-terminal) polyclonal antibody (DPAB-DC2384)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is part of a large protein complex that is necessary for autophagy, the major process by which intracellular components are targeted to lysosomes for degradation. Defects in this gene are a cause of susceptibility to inflammatory bowel disease type 10 (IBD10). Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jun 2010]
Immunogen	A synthetic peptide corresponding near C-terminus of human ATG16L1. The sequence is C-KVEKVL SKQHSSIN
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Tissue lysate), ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ATG16L1 autophagy related 16-like 1 (S. cerevisiae) [Homo sapiens (human)]
Official Symbol	ATG16L1
Synonyms	ATG16L1; autophagy related 16-like 1 (S. cerevisiae); IBD10; WDR30; APG16L; ATG16A; ATG16L; autophagy-related protein 16-1; APG16L beta; WD repeat domain 30; ATG16 autophagy related 16-like 1;
Entrez Gene ID	55054
Protein Refseq	NP_001177195
UniProt ID	Q53SV2
Chromosome Location	2q37.1
Pathway	Regulation of autophagy;
Function	identical protein binding; protein binding;