

ATG16L1 Conjugated Antibody

Catalog No: #C43247



Package Size: #C43247-AF350 100ul #C43247-AF405 100ul #C43247-AF488 100ul
 #C43247-AF555 100ul #C43247-AF594 100ul #C43247-AF647 100ul
 #C43247-AF680 100ul #C43247-AF750 100ul #C43247-Biotin 100ul

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Description

Product Name	ATG16L1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ATG16L1 protein.
Immunogen Description	Synthetic peptide of human ATG16L1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	IBD10; WDR30; APG16L; ATG16A; ATG16L
Accession No.	Swiss-Prot#:Q676U5NCBI Gene ID:55054NCBI mRNA#:NP_110430NCBI Protein#:
Uniprot	Q676U5
GeneID	55054;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	68KD
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

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.

Note: This product is for in vitro research use only