

Recombinant

DGRmAb®

Phospho-ATG16L1 (Ser278) (DGR20461) Rabbit mAb

db13896

Package : 10µL 20µL 50µL 100µL

Product Name : Phospho-ATG16L1 (Ser278) (DGR20461) Rabbit mAb**Cat.No.:** db13896**Synonyms :** WDR30; Apg16l; Atg16l; 1500009K01Rik**Application :** WB**Reactivity :** Mouse**Host species :** Rabbit**Background**

Plays an essential role in autophagy: interacts with ATG12-ATG5 to mediate the conjugation of phosphatidylethanolamine (PE) to LC3 (MAP1LC3A, MAP1LC3B or MAP1LC3C), to produce a membrane-bound activated form of LC3 named LC3-II. Thereby, controls the elongation of the nascent autophagosomal membrane (PubMed:18849966, PubMed:12665549, PubMed:24954904, PubMed:24553140, PubMed:23392225). Regulates mitochondrial antiviral signaling (MAVS)-dependent type I interferon (IFN-I) production (By similarity). Negatively regulates NOD1- and NOD2-driven inflammatory cytokine response (PubMed:24238340). Instead, promotes with NOD2 an autophagy-dependent antibacterial pathway. Plays a role in regulating morphology and function of Paneth cell.

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Ser278 of mouse ATG16L1

Gene ID

77040

Swiss Prot

Q8C0J2

Synonyms

WDR30; Apg16l; Atg16l; 1500009K01Rik

Reactivity

Mouse

Application

WB

Recommended dilution

WB: 1:1000

Calculated MW

68 kDa

Observed MW

68 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR20461

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.