

Recombinant

DGRmAb®

Phospho-ATG16L1 (Ser278) (DGR20461) Rabbit mAb (PBS Only)

db13896-PBS

Package : 10µg 100µg

Product Name : Phospho-ATG16L1 (Ser278) (DGR20461) Rabbit mAb (PBS Only)**Cat.No.:** db13896-PBS**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

Calculated MW

68 kDa

Observed MW

68 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR20461

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.