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# **Recombinant ATG16L1 Monoclonal Antibody**

catalog number: AN300682L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human ATG16L1 protein

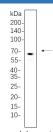
HostRabbitIsotype $IgG,\kappa$ CloneB621PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications Recommended Dilution

WB 1:2000-1:10000

#### Data



Western Blot with Recombinant ATG16L1 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: 3T3-L1 whole cell lysate.

Observed-MW:68 kDa Calculated-MW:68 kDa

## Preparation & Storage

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

## **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.