

## ATG9B (G883) polyclonal antibody

Catalog: AP0781

Host: Rabbit

Reactivity: Human, Rat, Mouse

### BackGround:

Phospholipid scramblase involved in autophagy by mediating autophagosomal membrane expansion. Cycles between the preautophagosomal structure/phagophore assembly site (PAS) and the cytoplasmic vesicle pool and supplies membrane for the growing autophagosome. Lipid scramblase activity plays a key role in preautophagosomal structure/phagophore assembly by distributing the phospholipids that arrive through ATG2 (ATG2A or ATG2B) from the cytoplasmic to the luminal leaflet of the bilayer, thereby driving autophagosomal membrane expansion. In addition to autophagy, also plays a role in necrotic cell death.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

### Molecular Weight:

~ 95 kDa

### Swiss-Prot:

Q674R7

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:5000~1:10000

IP: 1:50~1:200

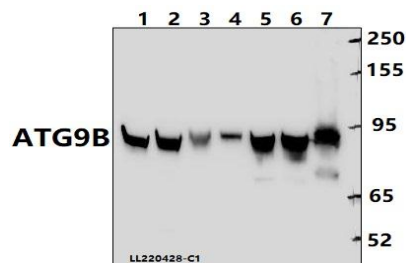
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

ATG9B (G883) polyclonal antibody detects endogenous levels of ATG9B protein.

### DATA:



Western blot (WB) analysis of ATG9B (G883) polyclonal antibody at 1:5000 dilution

Lane1:C6 whole cell lysate(40ug)

Lane2:BV2 whole cell lysate(40ug)

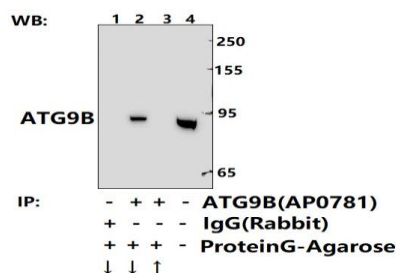
Lane3:The Brain tissue lysate of Rat(40ug)

Lane4:The Brain tissue lysate of Mouse(40ug)

Lane5:MCF-7 whole cell lysate(40ug)

Lane6:HepG2 whole cell lysate(40ug)

Lane7:Jurkat whole cell lysate(40ug)



Immunoprecipitation of HEK293T cell lysates using ATG9B (G883) pAb (Sephacose Bead Conjugate)#BD0048 (lane 2 and lane 3) and Nonspecific IgG Control (Sephacose Bead Conjugate)#BD0048 (lane 1). Lane 4 is 30% input. The western blot was probed using ATG9B (G883) pAb #AP0781.

### Note:

For research use only, not for use in diagnostic procedure.

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