

ATG10 (P220) polyclonal antibody

Catalog: AP0784

Host: Rabbit

Reactivity: Human

BackGround:

Autophagy is a process for the bulk degradation of cytosolic compartments by lysosomes. ATG10 is an E2-like enzyme involved in 2 ubiquitin-like modifications essential for autophagosome formation: ATG12 (MIM 609608)-ATG5 (MIM 604261) conjugation and modification of a soluble form of MAP-LC3 (MAP1LC3A; MIM 601242), a homolog of yeast Apg8, to a membrane-bound form (Nemoto et al., 2003

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 30 kDa

Swiss-Prot:

Q9H0Y0

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 96% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

Storage&Stability:

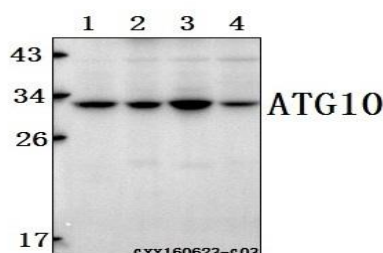
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

ATG10 (P220) polyclonal antibody detects endogenous levels of ATG10 protein.

DATA:



Western blot (WB) analysis of ATG10 (P220) polyclonal antibody at 1:500 dilution

Lane1:Hct116 whole cell lysate(40ug)

Lane2:786-O whole cell lysate(40ug)

Lane3:SGC-7901 whole cell lysate(40ug)

Lane4:HEK293T whole cell lysate(40ug)

Note:

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

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