ATG16L1 Polyclonal Antibody

catalog number: E-AB-19375

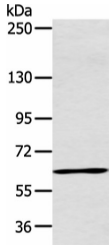
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	Synthetic peptide of human ATG16L1
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:30-1:150

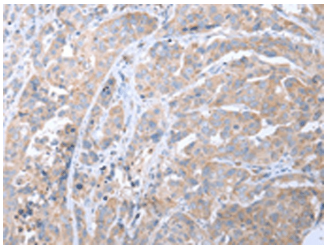
Data



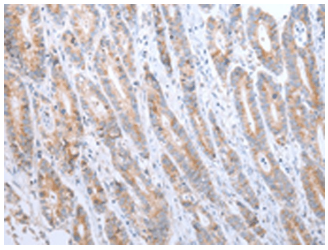
Western blot analysis of Raji cell using ATG16L1 Polyclonal Antibody at dilution of 1:600

Observed-MV:Refer to figures

Calculated-MV:68 kDa



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using ATG16L1 Polyclonal Antibody at dilution of 1:40(×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ATG16L1 Polyclonal Antibody at dilution of 1:40(×200)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

For Research Use Only

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ATG16L1 (Autophagy Related 16 Like 1) is a Protein Coding gene. Diseases associated with ATG16L1 include Inflammatory Bowel Disease 10 and Inflammatory Bowel Disease. Among its related pathways are Autophagy Pathway and Senescence and Autophagy in Cancer. GO annotations related to this gene include identical protein binding. An important paralog of this gene is ATG16L2.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.

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