ATG16L1 Polyclonal Antibody

Catalog Number:E-AB-53360

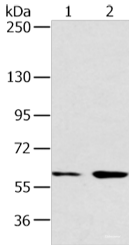
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human, Mouse
Immunogen	Synthetic peptide of human ATG16L1
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:30-1:150
ELISA	1:2000-1:5000

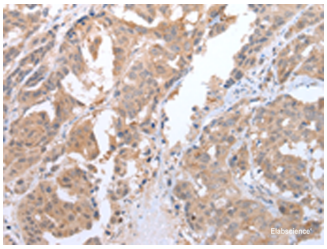
Data



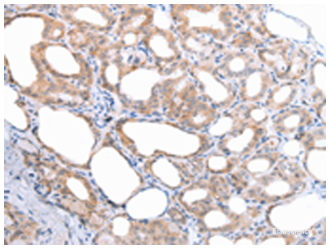
Western blot analysis of Hela and raji cell using ATG16L1 Polyclonal Antibody at dilution of 1:750

Observed Mw:Refer to figures

Calculated Mw:68 kDa



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using ATG16L1 Polyclonal Antibody at dilution of 1:45(×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ATG16L1 Polyclonal Antibody at dilution of 1:45(×200)

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Background

ATG16L1 (Autophagy Related 16 Like 1) is a Protein Coding gene. Diseases associated with ATG16L1 include

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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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