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anti-ATG16L1 antibody

3 Images



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Quantity:	200 μL	
Target:	ATG16L1	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ATG16L1 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)	

Product Details

Immunogen:	Synthetic peptide of human ATG16L1	
Isotype:	lgG	
Characteristics:	Polyclonal Antibody	
Purification:	Antigen affinity purification	

Target Details

Target:	ATG16L1
Alternative Name:	ATG16L1 (ATG16L1 Products)
Background:	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

Target Details

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.

Molecular Weight:

Observed_MW: Refer to figures

Calculated_MW: 68 kDa

UniProt:

Q676U5

Pathways:

Autophagy

Application Details

Application Notes:

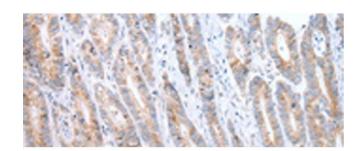
WB 1:500-1:2000, IHC 1:30-1:150, ELISA 1:2000-1:5000

Restrictions:

For Research Use only

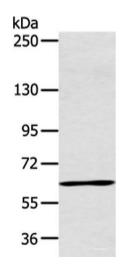
Handling

Format:	Liquid
Concentration:	0.9 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



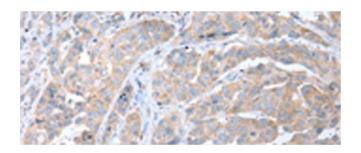
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ATG16L1 Polyclonal Antibody at dilution of 1:40(x200)



Western Blotting

Image 2. Western blot analysis of Raji cell using ATG16L1 Polyclonal Antibody at dilution of 1:600



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human breast cancer tissue using ATG16L1 Polyclonal Antibody at dilution of 1:40(x200)