

Product datasheet for **TA335528**

ATG16L1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-ATG16L1 Antibody: synthetic peptide directed towards the N terminal of human ATG16L1. Synthetic peptide located within the following region: QYNKLLKSDLHSVLAQKLQAEKHDVPNRHEISPGHDGTWNDNQLQEMAQ
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	66 kDa
Gene Name:	autophagy related 16 like 1
Database Link:	NP_060444 Entrez Gene 55054 Human Q676U5



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Background:

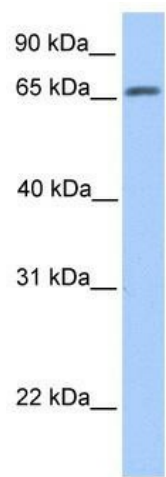
Autophagy is the major intracellular degradation system delivering cytoplasmic components to lysosomes, and it accounts for degradation of most long-lived proteins and some organelles. Cytoplasmic constituents, including organelles, are sequestered into double-membraned autophagosomes, which subsequently fuse with lysosomes. ATG16L1 is a component of a large protein complex essential for autophagy. Autophagy is the major intracellular degradation system delivering cytoplasmic components to lysosomes, and it accounts for degradation of most long-lived proteins and some organelles. Cytoplasmic constituents, including organelles, are sequestered into double-membraned autophagosomes, which subsequently fuse with lysosomes. ATG16L1 is a component of a large protein complex essential for autophagy (Mizushima et al., 2003 [PubMed 12665549]). [supplied by OMIM]

Synonyms:

APG16L; ATG16A; ATG16L; IBD10; WDR30

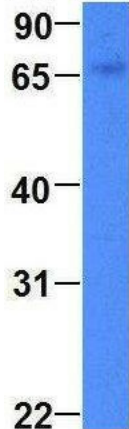
Note:

Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%; Dog: 92%; Rabbit: 91%

Product images:

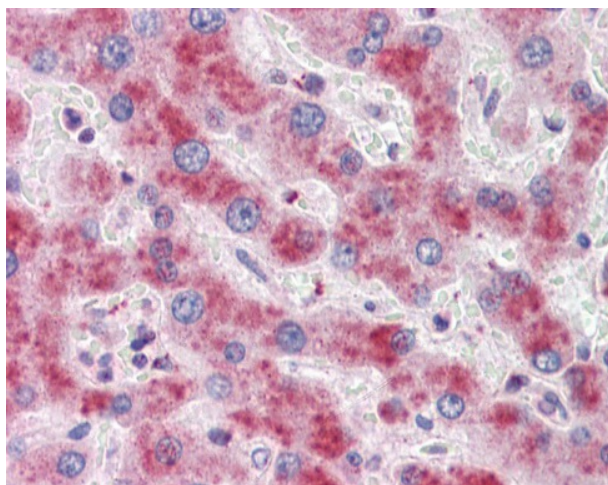
WB Suggested Anti-ATG16L1 Antibody Titration:
0.2-1 ug/ml; Positive Control: Human brain

ATG16L1



Rabbit Anti-ATG16L1
Sample Type: Human Adult Placenta
Antibody Concentration: 1ug/mL

Host: Rabbit; Target Name: ATG16L1; Sample Tissue: Human Adult Placenta; Antibody Dilution: 1.0 ug/ml



Liver