

ATG16L1 Monoclonal Antibody

CAB3637

Description

This ATG16L1 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB3637
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	IBD10, WDR30, APG16L, ATG16A, ATG16L, ATG16L1
Clone:	ARC0812
Applications:	WB ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse

Antibody Data

Gene ID:	55054
Uniprot:	AB_2863103
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	68 kDa/72 kDa
Calculated MW:	68 kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

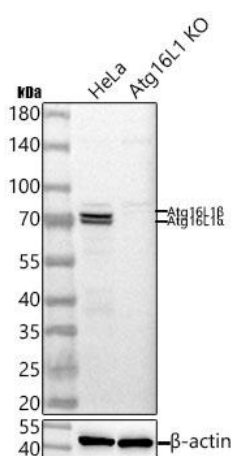
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HeLa, PANC-1, A20

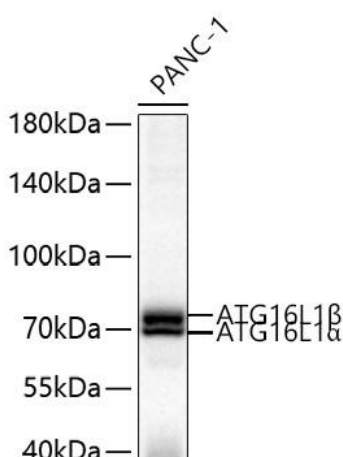
Recommended Dilutions:	WB	1:1000 - 1:3000
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of lysates from wild type (WT) and ATG16L1 knockout (KO) HeLa cells using [KO Validated] ATG16L1 Rabbit mAb (CAB3637) at 1:1000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



Western blot analysis of lysates from PANC-1 cells using [KO Validated] ATG16L1 Rabbit mAb (CAB3637) at 1:1000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 20 s.

