

Product Name: KD-Validated ATG13 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01223**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 56.6kDa

Antigen Information

Gene Name	ATG13
Alternative Names	ATG13; Autophagy Related 13; KIAA0652; Autophagy-Related Protein 13; ATG13 Autophagy Related 13 Homolog (S. Cerevisiae); ATG13 Autophagy Related 13 Homolog; PARATARG8
Gene ID	9776.0
SwissProt ID	O75143
Immunogen	Recombinant protein of human KIAA0652

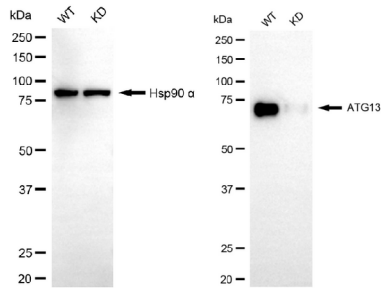
Background

The protein encoded by this gene is an autophagy factor and a target of the TOR kinase signaling pathway. The encoded protein is essential for autophagosome formation and mitophagy. [provided by RefSeq, Oct 2016]

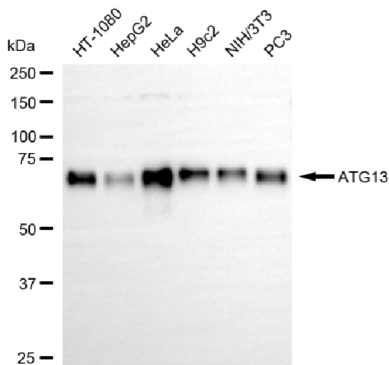
Research Area

Cancer, Metabolism

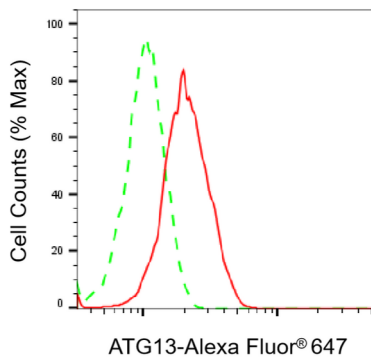
Image Data



Western blotting analysis using ATG13 antibody (KVA01223). ATG13 expression in wild-type (WT) and ATG13 knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with ATG13 antibody (KVA01223, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using ATG13 antibody (KVA01223). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with ATG13 antibody (KVA01223, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Flow cytometric analysis of ATG13 expression in HT-1080 cells using ATG13 antibody (KVA01223, 1:2,000). Green, isotype control; red, ATG13.