

Product Name: KD-Validated ATG9A Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01608**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
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; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 94.4kDa

Antigen Information

Gene Name	ATG9A
Alternative Names	ATG9A; Autophagy Related 9A; APG9L1; Autophagy-Related Protein 9A; APG9-Like 1; FLJ22169; MATG9; ATG9 Autophagy Related 9 Homolog A (S. Cerevisiae); APG9 Autophagy 9-Like 1 (S. Cerevisiae); ATG9 Autophagy Related 9 Homolog A; Autophagy 9-Like 1 Protein; APG9 Autophagy 9-Like 1; MGD3208
Gene ID	79065.0
SwissProt ID	Q7Z3C6
Immunogen	A synthesized peptide derived from human ATG9A

Background

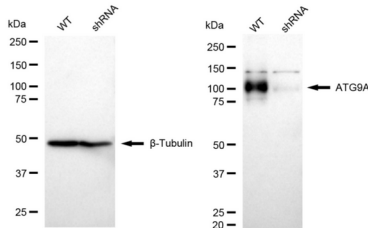
Enables phospholipid scramblase activity. Involved in autophagosome assembly. Located in several cellular components,

including Golgi apparatus; endosome; and phagophore assembly site. [provided by Alliance of Genome Resources, Jul 2025]

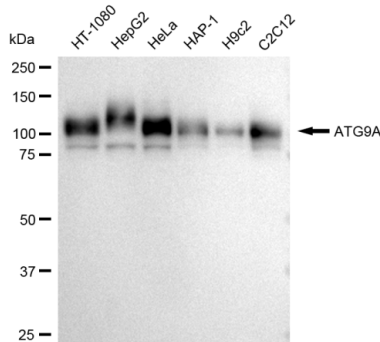
Research Area

Cell Biology, Neuroscience, Cancer, Cardiovascular, Metabolism

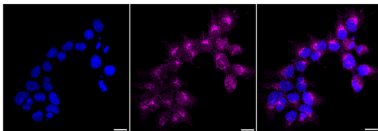
Image Data



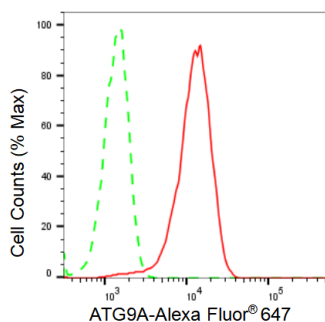
Western blotting analysis using ATG9A antibody (KVA01608). ATG9A expression in wild type (WT) and ATG9A shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with ATG9A antibody (KVA01608, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using ATG9A antibody (KVA01608). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with ATG9A antibody (KVA01608, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HeLa cells with ATG9A antibody (KVA01608, 1:1,000). Nuclei were stained blue with DAPI; ATG9A was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.



Flow cytometric analysis of ATG9A expression in HeLa cells using ATG9A antibody (KVA01608, 1:2,000). Green, isotype control; red, ATG9A.