

Product datasheet for **TA320008**

ATG9A Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 ug/mL, ICC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	ATG9A antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human ATG9A.
Formulation:	ATG9A Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	ATG9A Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	autophagy related 9A
Database Link:	NP_076990 Entrez Gene 79065 Human Q7Z3C6

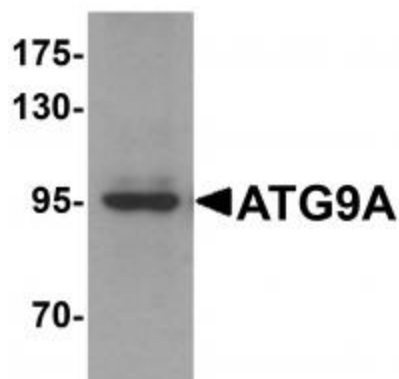
Background: ATG9A Antibody: Autophagy, the process of bulk degradation of cellular proteins through an autophagosomic-lysosomal pathway is important for normal growth control and may be defective in tumor cells. It is involved in the preservation of cellular nutrients under starvation conditions as well as the normal turnover of cytosolic components. This process is negatively regulated by TOR (Target of rapamycin) through phosphorylation of autophagy protein APG1. ATG9A, a multi-spanning membrane protein localizing to the Golgi apparatus and late endosomes, has been proposed to mediate membrane transport to generate autophagosomes. ATG9A has also been implicated as a regulator of STING (stimulator of interferon genes)-mediated innate immune response.



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Synonyms: APG9L1; mATG9; MGD3208

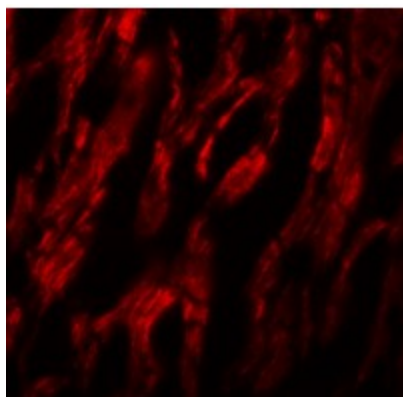
Product images:



Western blot analysis of ATG9A in mouse heart tissue lysate with ATG9A antibody at 1 ug/mL.



Immunohistochemistry of ATG9A in human heart tissue with ATG9A antibody at 5 ug/mL.



Immunofluorescence of ATG9A in human heart tissue with ATG9A antibody at 20 ug/mL.