

Anti-ATG9A antibody

Cat. No.	ml221877
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-ATG9A rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human ATG9A
Reactivity	Human, Rat
Content	0.2 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ATG9A
Full name	autophagy related 9A

Synonyms mATG9; APG9L1; MGD3208

Swissprot Q7Z3C6

Target Background

Autophagy-related protein 9A is a protein that in humans is encoded by the ATG9A gene. Involved in autophagy and cytoplasm to vacuole transport (Cvt) vesicle formation. Plays a key role in the organization of the preautophagosomal structure/phagophore assembly site (PAS), the nucleating site for formation of the sequestering vesicle. Cycles between a juxta-nuclear trans-Golgi network compartment and late endosomes. Nutrient starvation induces accumulation on autophagosomes.

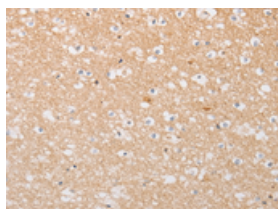
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 25-100

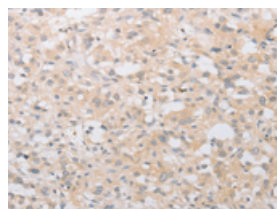


The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml221877(ATG9A Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml221877(ATG9A Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 94 kDa

Positive control: 293T cells

Recommended dilution: 200-1000

Gel: 6%SDS-PAGE

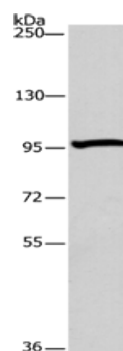
Lysate: 40 μ g

Lane: 293T cells

Primary antibody: ml221877(ATG9A Antibody) at dilution 1/240

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds



ELISA

Recommended dilution: 1000-2000

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