

Anti-ATG14 Antibody (6F903)

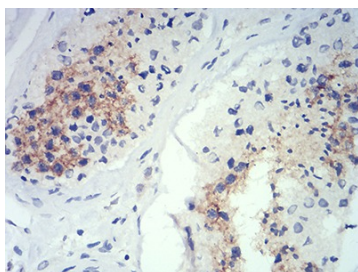
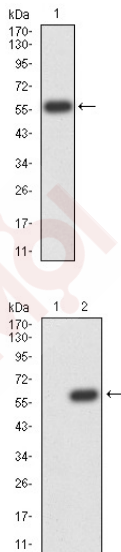
Product Details

Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 55 kDa.
Clone:	6F903
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of ATG14L on human ATG14L recombinant protein using anti-ATG14L antibody at 1/1,000 dilution.
2. Western blot analysis of ATG14L on HEK293 (1) and ATG14L-hlgGfc transfected HEK293 (2) cell lysate using anti-ATG14L antibody at 1/1,000 dilution.
3. Immunohistochemical analysis of paraffin-embedded human testis tissues using anti-ATG14L antibody. Counter stained with hematoxylin.



Application:	IHC,WB
Recommended	WB: 1:500-2000; IHC: 1:50-200

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: Q6ZNE5

Synonyms: Autophagy-related protein 14-like protein (Atg14L);Beclin 1-associated autophagy-related key regulator;Barkor;KIAA0831;ATG14;Atg14L

Research Background

Required for both basal and inducible autophagy. Plays a role in autophagosome formation and MAP1LC3/LC3 conjugation to phosphatidylethanolamine. Promotes BECN1 translocation from the trans-Golgi network to autophagosomes. Enhances PIK3C3 activity in a BECN1-dependent manner.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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