

Rabbit anti-Human ATG9A Polyclonal Antibody | anti-ATG9A antibody

Rabbit anti-ATG9A Antibody, Affinity Purified

CATALOG # AAA213160	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

ATG9A; Polyclonal Antibody; Rabbit anti-ATG9A Antibody; Affinity Purified; APG9 autophagy 9-like 1; MGD3208; mATG9; autophagy-related protein 9A; autophagy 9-like 1 protein; ATG9 autophagy related 9 homolog A; APG9L1; APG9-like 1; Autophagy-related protein 9A; autophagy related 9A; anti-ATG9A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-ATG9A antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine, Orangutan
Immunogen	Between 789 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human ATG9A by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ATG9A antibody AAA213160 (lot AAA213160-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human ATG9A by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-ATG9A antibody AAA213160 (lot AAA213160-1) used for IP at 6 ug per reaction. ATG9A was also immunoprecipitated by rabbit anti-ATG9A antibody BL20883. For blotting immunoprecipitated ATG9A, AAA213160 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-ATG9A antibody

Autophagy-related protein 9A (ATG9A) is involved in autophagy and cytoplasm to vacuole transport (Cvt) vesicle formation. It plays a key role in the organization of the preautophagosomal structure/phagophore assembly site (PAS), the nucleating site for formation of the sequestering vesicle. ATG9A cycles between a juxta-nuclear trans-Golgi network compartment and late endosomes [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q7Z3C6].

NCBI AND UNIPROT INFORMATION

NCBI GI #	116089287
NCBI GeneID	79065
NCBI Accession #	NP_076990.4
NCBI GenBank Nucleotide #	NM_024085.4
UniProt Accession #	Q7Z3C6; Q3ZQA6; Q6P0N7; Q7Z317; Q7Z320; Q8NDK6; Q8WU65; Q9BVL5; Q9H6L1; Q9HAG7
Molecular Weight	60,694 Da
NCBI Official Full Name	autophagy-related protein 9A
NCBI Official Synonym Full Names	autophagy related 9A
NCBI Official Symbol	ATG9A
NCBI Official Synonym Symbols	mATG9; APG9L1; MGD3208
NCBI Protein Information	autophagy-related protein 9A; APG9-like 1; APG9 autophagy 9-like 1; autophagy 9-like 1 protein; ATG9 autophagy related 9 homolog A
UniProt Protein Name	Autophagy-related protein 9A
UniProt Gene Name	ATG9A
UniProt Synonym Gene Names	APG9L1
UniProt Entry Name	ATG9A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/atg9a-antibody-immunoprecipitation-western-blot-elisa/213160>