ATP9A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ATP9A, Polyclonal Antibody
Full Product Name	ATP9A Antibody
Product Gene Name	anti-ATP9A antibody
Product Synonym Names	Probable phospholipid-transporting ATPase IIA (EC 3.6.3.1)(ATPase class II type 9A)
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	This antibody detects endogenous levels of ATP9A at Human, Mouse
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	118,583 Da
Chromosome Location	Chromosome: 20; NC_000020.10 (50213314..50384908, complement). Location: 20q13.2
OMIM	609126
3D Structure	ModBase 3D Structure for O75110
Immunogen	Synthesized peptide derived from human ATP9A
Modification	Unmodified/Total
Product Categories/Family for anti-ATP9A antibody	Primary Antibodies
Applications Tested/Suitable for anti-ATP9A antibody	Western Blot (WB)
Application Notes for anti-ATP9A antibody	WB: 1:500-2000
Related Product Information for anti-ATP9A antibody	MBS9524340 is an antibody targeting ATP9A. Also known as ATP9A Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-ATP9A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ATP9A. It may not necessarily be applicable to this product.

NCBI GI #	84570127

NCBI GeneID	10079
NCBI Accession #	AAI10592.1
UniProt Primary Accession #	O75110
UniProt Secondary Accession #	Q5TFW5; Q5TFW6; Q5TFW9; Q6ZMF3; Q9NQK6; Q9NQK7; E1P5Y3; E1P5Y4
UniProt Related Accession #	O75110
NCBI Official Full Name	ATP9A protein
NCBI Official Synonym Full Names	ATPase, class II, type 9A
NCBI Official Symbol	ATP9A
NCBI Official Synonym Symbols	ATPIIA
UniProt Protein Name	Probable phospholipid-transporting ATPase IIA
UniProt Synonym Protein Names	ATPase class II type 9A
Protein Family	Probable phospholipid-transporting ATPase
UniProt Gene Name	ATP9A
UniProt Synonym Gene Names	ATPIIA; KIAA0611
UniProt Entry Name	ATP9A_HUMAN
NCBI Protein Information	probable phospholipid-transporting ATPase IIA; ATPase type IV, phospholipid-transporting (P-type),(putative)
UniProt Comments for ATP9A	Catalytic activity: ATP + H2O + phospholipid(Side 1) = ADP + phosphate + phospholipid(Side 2). Subcellular location: Early endosome membrane; Multi-pass membrane protein. Recycling endosome. Golgi apparatus › trans-Golgi network membrane. Note: Efficient exit from the endoplasmic reticulum does not require TMEM30A, nor TMEM30B. Ref.5 Sequence similarities: Belongs to the cation transport ATPase (P-type) (TC 3.A.3) family. Type IV subfamily. [View classification] Sequence caution: The sequence BAD18775.1 differs from that shown. Reason: Erroneous initiation. The sequence CAI18889.1 differs from that shown. Reason: Erroneous gene model prediction. The sequence CAI19203.1 differs from that shown. Reason: Erroneous gene model prediction. The sequence CAI22924.1 differs from that shown. Reason: Erroneous gene model prediction.
Research Articles on ATP9A	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
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