

ATG9B Antibody

Catalog No: #25131

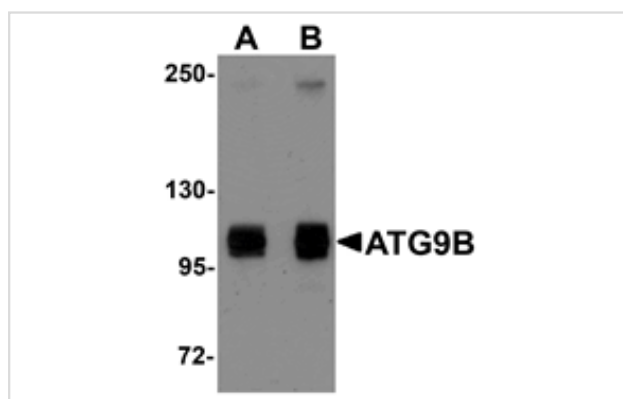
Package Size: #25131 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

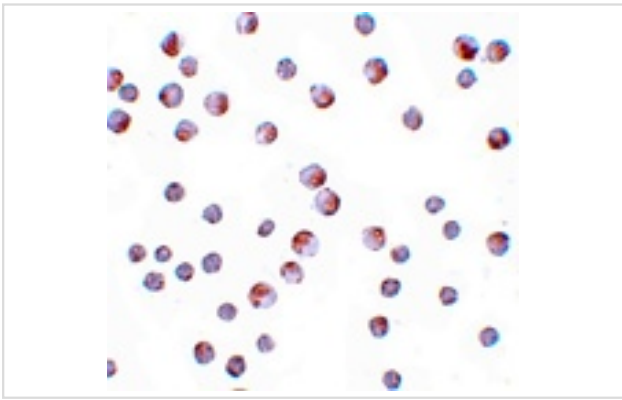
Description

Product Name	ATG9B Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB ICC
Species Reactivity	Human;Mouse;Rat
Immunogen Type	Peptide
Immunogen Description	Raised against a 17 amino acid peptide near the carboxy terminus of human ATG9B.
Conjugates	Unconjugated
Target Name	ATG9B
Other Names	Autophagy-related protein 9B, APG9L2, APG9-like 2, Nitric oxide synthase 3-overlapping antisense gene protein, NOS3AS
Accession No.	NP_775952
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



Western blot analysis of ATG9B in HeLa cell lysate with ATG9B antibody at (A) 1 and (B) 2 ug/mL.



Immunocytochemistry of ATG9B in HeLa cells with ATG9B antibody at 10 ug/mL.

Background

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. ATG9B plays a role in autophagy and itβ is highly expressed in placenta and pituitary gland.

Published Papers

el at., Depletion of CPNE7 sensitizes colorectal cancer to 5-fluorouracil by downregulating ATG9B expression. In J Cell Mol Med on 2024 Apr by Weile Xu, Yujie Tang,et al..PMID:38526029, , (2024)

[PMID:38526029](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.