

ATG9B Polyclonal Antibody

Catalog Number OSA00044W

Product data sheet

Details		Tested Applications	Dilution *
Size	150 µL	Immunohistochemistry (IHC)	1:200-1:2,000
Host/Isotope	Rabbit / IgG	Western Blot (WB)	1:200-1:2,000
Class	Polyclonal	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Type	Antibody		
Immunogen	A synthetic peptide from n-terminal region of mouse autophagy-related protein 9B		
Conjugate	Unconjugated		
Form	Lyophilized		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Reconstitute with 150 µL of distilled water.

Background/Target Information

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 it's highly expressed in placenta and pituitary gland.

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