

For Research Use Only

ATP6V0D2 Polyclonal antibody

Catalog Number: 33364-1-AP **1 Publications**



Basic Information

Catalog Number: 33364-1-AP	GenBank Accession Number: BC065207	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 440 ug/ml by Nanodrop;	GeneID (NCBI): 245972	Recommended Dilutions: WB: 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q8N8Y2	
Isotype: IgG	Full Name: ATPase, H ⁺ transporting, lysosomal 38kDa, VO subunit d2	
Immunogen Catalog Number: AG38739	Calculated MW: 40 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse kidney tissue, rat kidney tissue
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: mouse	

Background Information

ATP6V0D2 is a subunit of the vacuolar proton-translocating ATPase (V-ATPase) complex, which is responsible for acidifying intracellular compartments and the extracellular environment. This protein is crucial for maintaining the acidic environment necessary for various cellular processes, including bone resorption by osteoclasts (PMID: 19113919). ATP6V0D2 is also involved in the regulation of tumor-associated macrophages, where it influences tumor progression through the lactate/ATP6V0D2/HIF-2 α axis (PMID: 30431439).

Notable Publications

Author	Pubmed ID	Journal	Application
Hantao Yao	41368333	Food Sci Nutr	WB

Storage

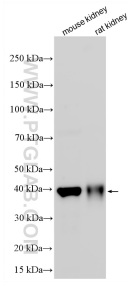
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33364-1-AP (ATP6VOD2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.