

For Research Use Only

ATP6V0D2 Polyclonal antibody, PBS Only

Catalog Number:33364-1-PBS



Basic Information

Catalog Number: 33364-1-PBS	GenBank Accession Number: BC065207	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 245972	
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, Indirect ELISA

Species Specificity:
human, mouse, rat

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).

Storage

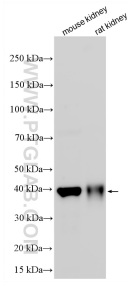
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

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. This data was developed using the same antibody clone with 33364-1-PBS in a different storage buffer formulation.