

For Research Use Only

ATP6V1H Monoclonal antibody, PBS Only



Catalog Number: 68425-1-PBS

Basic Information

Catalog Number: 68425-1-PBS	GenBank Accession Number: BC025275	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 51606	CloneNo.: 3G7B5
Source: Mouse	UNIPROT ID: Q9UI12	
Isotype: IgG1	Full Name: ATPase, H ⁺ transporting, lysosomal 50/57kDa, V1 subunit H	
Immunogen Catalog Number: AG10130	Calculated MW: 483 aa, 56 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IF

Species Specificity:
Human, mouse, rat, rabbit, pig

Background Information

The vacuolar-type H⁽⁺⁾-ATPase (V-ATPase) is responsible for the acidification of endosomes, lysosomes, and other intracellular organelles. It is also involved in hydrogen ion transport across the plasma membrane into the extracellular space. The V-ATPase is a multisubunit complex with cytosolic and transmembrane domains.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

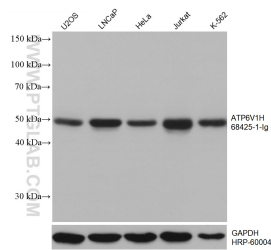
T: 4006900926

E: Proteintech-CN@ptglab.com

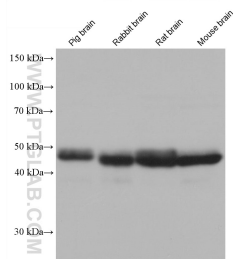
W: ptgcn.com

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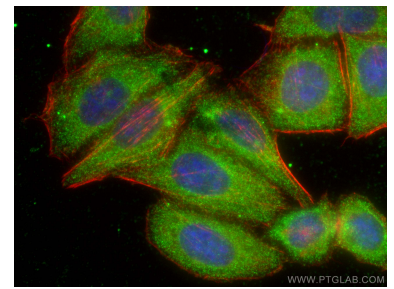
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68425-1-Ig (ATP6V1H antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 68425-1-PBS in a different storage buffer formulation.



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Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using ATP6V1H antibody (68425-1-Ig, Clone: 3G7B5) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 68425-1-PBS in a different storage buffer formulation.