

V-ATPase S1 Polyclonal Antibody

Cat #: ABP60880

Size: 30μl /100μl /200μl

Product Information

	Product Name: V-ATPase S1 Polyclonal Antibody		
	Applications: WB, ELISA		Isotype: Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	Catalog Number: ABP60880	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: ATP6AP1 encodes a component of a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. Vacuolar ATPase (V-ATPase) is comprised of a cytosolic V1 (site of the ATP catalytic site) and a transmembrane V0 domain. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, and receptor-mediated endocytosis. The encoded protein of ATP6AP1 may assist in the V-ATPase-mediated acidification of neuroendocrine secretory granules. This protein may also play a role in early development.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:10000-1:20000).

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol as stabilizer.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

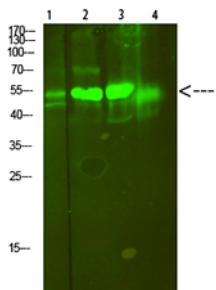


Fig.1. Western Blot analysis of 1, Mouse-lung 2, Mouse-brain 3, Mouse-spleen 4, Mouse-kidney cells using primary antibody diluted at 1:500 (4°C overnight). Goat Anti-rabbit IgG DyLight 800 (Cat #: A23920) secondary antibody was diluted at 1:5000 at 25°C for

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