

CAB23757

Product Information

Product SKU:	CAB23757	Gene ID:	527	Size:	20uL, 100uL
Clone No:	ARC61235	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	16kDa	Conjugate:	Unconjugated
Calculated MW:	15kDa	Isotype:	IgG

Immunogen Information

Background:	This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation. V-ATPase is composed of a cytosolic V1 domain and a transmembrane V0 domain. The V1 domain consists of three A and three B subunits, two G subunits plus the C, D, E, F, and H subunits. The V1 domain contains the ATP catalytic site. The V0 domain consists of five different subunits: a, c, c', and d. This gene encodes the V0 subunit c. Alternative splicing results in transcript variants. Pseudogenes have been identified on chromosomes 6 and 17.
Recommended Dilution:	WB, 1:500 - 1:1000
Synonyms:	ATP6V0C; ATP6C; ATP6L; ATPL; VATL; VPPC; Vma3; ATPase H ⁺ transporting V0 subunit c
Purification Method:	Affinity purification
Immunogen:	A synthesized peptide derived from human ATP6V0C.
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH 7.3.