ATP6V1G1 Rabbit Polyclonal Antibody

CAB17054

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Refer to figures

Calculated MW:

13kDa

Applications:

IHC

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:
IHC 1:50 - 1:200

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein 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, three B, and two G subunits, as well as a C, D, E, F, and H subunit. The V1 domain contains the ATP catalytic site. The protein encoded by this gene is one of three V1 domain G subunit proteins. Pseudogenes of this gene have been characterized.

Immunogen information

Gene ID:
9550

Uniprot
O75348

Synonyms:
ATP6V1G1; ATP6G; ATP6G1; ATP6GL; ATP6J; Vma10

Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 39-118 of human ATP6V1G1 (NP_004879.1).

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images

