

Datasheet for ABIN1537610
anti-ATP6V1F antibody (C-Term)[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|--|
| Quantity: | 400 µL |
| Target: | ATP6V1F |
| Binding Specificity: | AA 82-111, C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ATP6V1F antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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|-----------------------|---|
| Immunogen: | This ATP6V1F antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 82-111 amino acids from the C-terminal region of human ATP6V1F. |
| Clone: | RB39188 |
| Isotype: | Ig Fraction |
| Predicted Reactivity: | B |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

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|-------------------|--|
| Target: | ATP6V1F |
| Alternative Name: | ATP6V1F (ATP6V1F Products) |

Target Details

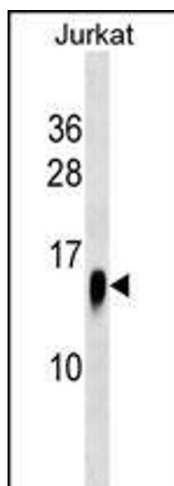
| | |
|-------------------|--|
| Background: | This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, 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', c', and d. Additional isoforms of many of the V1 and V0 subunit proteins are encoded by multiple genes or alternatively spliced transcript variants. This encoded protein is the V1 domain F subunit protein. |
| Molecular Weight: | 13370 |
| Gene ID: | 9296 |
| NCBI Accession: | NP_001185838 , NP_004222 |
| UniProt: | Q16864 |
| Pathways: | Transition Metal Ion Homeostasis , Proton Transport |

Application Details

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| Application Notes: | WB: 1:1000 |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | ATP6V1F Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C. |
| Expiry Date: | 6 months |



Western Blotting

Image 1. ATP6V1F Antibody (C-term) (ABIN1537610 and ABIN2838177) western blot analysis in Jurkat cell line lysates (35 µg/lane). This demonstrates the ATP6V1F antibody detected the ATP6V1F protein (arrow).