

Datasheet for ABIN651375
anti-ATP6V1H antibody (C-Term)[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|--|
| Quantity: | 400 µL |
| Target: | ATP6V1H |
| Binding Specificity: | AA 400-426, C-Term |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ATP6V1H antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | This ATP6V1H antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 400-426 amino acids from the C-terminal region of human ATP6V1H. |
| Clone: | RB25984 |
| Isotype: | Ig Fraction |
| Predicted Reactivity: | B, Pig |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

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| Target: | ATP6V1H |
| Alternative Name: | ATP6V1H (ATP6V1H Products) |

Target Details

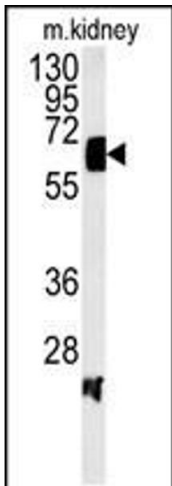
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| Background: | ATP6V1H encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle acidification is necessary for such intracellular processes 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 gene encodes the regulatory H subunit of the V1 domain which is required for catalysis of ATP but not the assembly of V-ATPase. |
| Molecular Weight: | 55883 |
| Gene ID: | 51606 |
| NCBI Accession: | NP_057025 , NP_998784 , NP_998785 |
| UniProt: | Q9UI12 |
| 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: | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date: | 6 months |



Western Blotting

Image 1. Western blot analysis of ATP6V1H Antibody (C-term) (ABIN651375 and ABIN2840209) in mouse kidney tissue lysates (35 µg/lane).ATP6V1H (arrow) was detected using the purified Pab.