

Anti-Human/Mouse ATP6V1H Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA06115

3th Edition

Description: This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of intracellular organelles. V-ATPase-dependent organelle acidification is necessary for multiple processes including protein sorting, zymogen activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation. The encoded protein is the regulatory H subunit of the V1 domain of V-ATPase, which is required for catalysis of ATP but not the assembly of V-ATPase. Decreased expression of this gene may play a role in the development of type 2 diabetes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. ATP6V1H (ATPase H⁺ Transporting V1 Subunit H) is a Protein Coding gene. Diseases associated with ATP6V1H include Hiv-1. Among its related pathways are Insulin receptor recycling and Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds. GO annotations related to this gene include binding and proton-transporting ATPase activity, rotational mechanism.

Antigen: Synthesized peptide derived from the Internal region of human V-ATPase H

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Widely expressed.