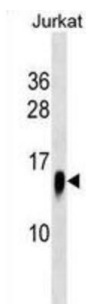


V-Type Proton ATPase Subunit F (ATP6V1F) Antibody

Catalogue No.: abx030807



WB analysis of Jurkat cell line lysates.

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.

Target: V-Type Proton ATPase Subunit F (ATP6V1F)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: ELISA, WB

Host: Rabbit

Recommended dilutions: WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 82-111 amino acids from the C-terminal region of human ATP6V1F.

Isotype: IgG

Form: Liquid

Purification: Purified through a protein A column, followed by peptide affinity purification.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 4.0.0

Revision date: 29 Aug 2025



UniProt Primary AC: Q16864 ([UniProt](#), [ExPASy](#))

Gene Symbol: ATP6V1F

GeneID: [9296](#)

OMIM: [607160](#)

HGNC: 16832

KEGG: hsa:9296

Ensembl: ENSG00000128524

Molecular Weight: Calculated MW: 13.4 kDa

Buffer: PBS containing 0.09% sodium azide.

Specificity: Predicted to react with Cow ATP6V1F.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only