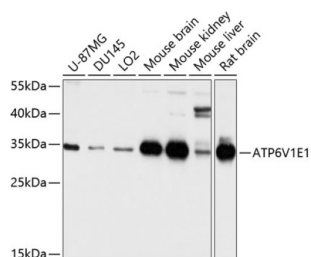


V-Type Proton ATPase Subunit E 1 (ATP6V1E1) Antibody

Catalogue No.: abx002708



Western blot analysis of extracts of various cell lines using ATP6V1E1 Antibody (1/1000 dilution).

ATP6V1E1 Antibody is a Rabbit Polyclonal antibody against ATP6V1E1. 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. This gene encodes alternate transcriptional splice variants, encoding different V1 domain E subunit isoforms. Pseudogenes for this gene have been found in the genome.

Target: V-Type Proton ATPase Subunit E 1 (ATP6V1E1)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB

Host: Rabbit

Recommended dilutions: WB: 1/1000 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human ATP6V1E1

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

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

UniProt Primary AC: P36543 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 4.0.0

Revision date: 18 Mar 2025



Gene Symbol: ATP6V1E1

GeneID: [529](#)

NCBI Accession: NP_001687.1

KEGG: hsa:529

String: [9606.ENSP00000253413](#)

Molecular Weight: Calculated MW: 22 kDa/23 kDa/26 kDa
Observed MW: 35 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

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