

V-ATPase C2 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP09481

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human ATP6V1C2. AA range:121-

170

Mol wt 48759

Species reactivity Human

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name V-ATPase C2 Antibody

Synonyms ATP6V1C2; V-type proton ATPase subunit C 2; V-ATPase subunit C 2; Vacuolar proton pump subunit C 2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

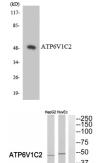
ATP6V1C2 encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, receptor-mediated endocytosis, 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. ATP6V1C2 encodes alternate transcriptional splice variants, encoding different V1 domain C subunit isoforms.

Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of the lysates from HT-29 cells using ATP6V1C2 antibody.

Western blot analysis of ATP6V1C2 Antibody. The lane on the right is blocked with the ATP6V1C2 peptide.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com