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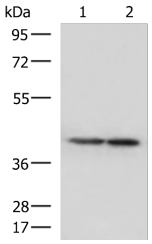
ATP6V1C1 Polyclonal Antibody

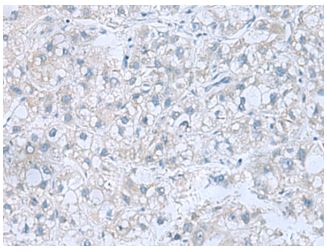
Catalog No.	E-AB-19014	**Reactivity**	H,M,R
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IHC,ELISA	**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

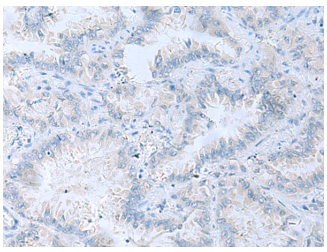
Images



Western blot analysis of Human cerebella tissue and Human cerebrum tissue lysates using ATP6V1C1 Polyclonal Antibody at dilution of 1:500



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using ATP6V1C1 Polyclonal Antibody at dilution of 1:100(×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using ATP6V1C1 Polyclonal Antibody at dilution of 1:100(×200)

Immunogen Information

Immunogen	Fusion protein of human ATP6V1C1
Gene Accession	BC010960
Swissprot	P21283
Synonyms	ATP6C,ATP6D ,ATP6V1C1,VATC,VATC1,VATPase C subunit ,VATPase subunit C 1,VMA5

Product Information

Calculated MW	44 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:100-1:200, ELISA 1:5000-1:10000

Background

This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of intracellular compartments of eukaryotic cells. V-ATPase dependent 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 is one of two genes that encode the V1 domain C subunit proteins and is found ubiquitously. This C subunit is analogous but not homologous to gamma subunit of F-ATPases. Previously, this gene was designated ATP6D.