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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ATP6V1C1 polyclonal antibody (A01)

Catalog # : H00000528-A01

規格 : [50 uL]

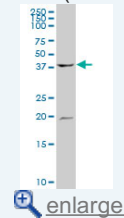
[List All](#)

Specification

Product Description:	Mouse polyclonal antibody raised against a partial recombinant ATP6V1C1.
Immunogen:	ATP6V1C1 (NP_001686, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag.
Sequence:	MTEFWLISAPGEKTCQQTWEKLAATSKNNLAVTSKFNIPDLKVGTL VLVGLSDELAKLDAFVEGVVKKVAQYMADVLEDSKDKVQENLLANGVDL VTYITRFQWDMA
Host:	Mouse
Reactivity:	Human
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.
Storage Buffer:	50 % glycerol
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	Download
Datasheet:	Download

Application Image

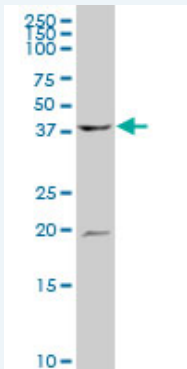
Western Blot (Tissue lysate)



ELISA

Applications

Western Blot (Tissue lysate)



ATP6V1C1 polyclonal antibody (A01), Lot # 050914JC01. Western Blot analysis of ATP6V1C1 expression in human ovarian cancer.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [528](#)

**GeneBank
Accession#:** [NM_001695](#)

**Protein
Accession#:** [NP_001686](#)

Gene Name: ATP6V1C1

Gene Alias: ATP6C,ATP6D,FLJ20057,VATC,Vma5

**Gene
Description:** ATPase, H⁺ transporting, lysosomal 42kDa, V1 subunit C1

Omim ID: [603097](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. [provided by RefSeq]

**Other
Designations:** ATPase, H⁺ transporting, lysosomal (vacuolar proton pump) 42kD,ATPase, H⁺ transporting, lysosomal 42kD, V1 subunit C, isoform 1,ATPase, H⁺ transporting, lysosomal 42kDa, V1 subunit C, isoform 1,H(+)-transporting two-sector ATPase, subunit C,H⁺ -ATPase C s

Gene Pathway

[Epithelial cell signaling in Helicobacter pylori infection](#) [Metabolic pathways](#)
[Oxidative phosphorylation](#) [Vibrio cholerae infection](#)

Related Disease

[Head and Neck Neoplasms](#) [Neoplasm Recurrence, Local](#) [Neoplasms, Second Primary](#)
[Tobacco Use Disorder](#)