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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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ATP6V0B purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00000533-D01P

規格 : [100 ug]

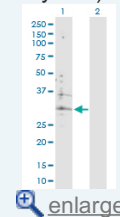
[List All](#)


Specification

Product Description:	Rabbit polyclonal antibody raised against a full-length human ATP6V0B protein.
Immunogen:	ATP6V0B (NP_004038.1, 1 a.a. ~ 205 a.a) full-length human protein.
Sequence:	MTGLALLYSGVFVAFWACALAVGVCYTIFDLGFRFDVAWFLTETSPFM WSNLGIGLAISLSVGAAWGIYTGSSIIGGGVKAPRIKTKNLVSIIFCEAVAI YGIIMAVISNMAEPFSATDPKAIGHRNYHAGYSMFGAGLTVGLSNLFCGV CVGIVGSGAALADAQNPSLFVKILIVEIFGSAIGLFGVIVAILQTSRVKMGD
Host:	Rabbit
Reactivity:	Human
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	 Download
Datasheet:	 Download

Application Image

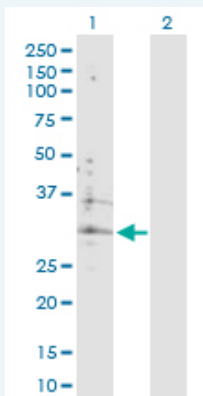
Western Blot (Transfected lysate)



 [enlarge](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of ATP6V0B expression in transfected 293T cell line ([H00000533-T04](#)) by ATP6V0B MaxPab polyclonal antibody.

Lane 1: ATP6V0B transfected lysate(21.40 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [533](#)

**GeneBank
Accession#:** [NM_004047.3](#)

**Protein
Accession#:** [NP_004038.1](#)

Gene Name: ATP6V0B

Gene Alias: ATP6F,HATPL,VMA16

**Gene
Description:** ATPase, H⁺ transporting, lysosomal 21kDa, V0 subunit b

Omim ID: [603717](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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 part of the transmembrane V0 domain and is the human counterpart of yeast VMA16. Two alternatively spliced transcript variants that encode different proteins have been found for this gene. [provided by RefSeq]

**Other
Designations:** ATPase, H⁺ transporting, lysosomal (vacuolar proton pump) 21kD,ATPase, H⁺ transporting, lysosomal 21kDa, V0 subunit c'',H(+)-transporting two-sector ATPase, subunit F,OTTHUMP00000010012,V-ATPase subunit c'',vacuolar ATP synthase 21 kDa proteolipid subunit

Gene Pathway

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