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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

ATP6V1B2 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00000526-D01P

規格 : [100 ug]

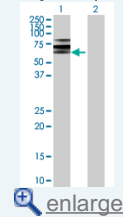
[List All](#)

Specification

Product Description:	Rabbit polyclonal antibody raised against a full-length human ATP6V1B2 protein.
Immunogen:	ATP6V1B2 (AAH30640.1, 1 a.a. ~ 511 a.a) full-length human protein.
Sequence:	MALRAMRGIVNGAAPELPVPTGGPAVGAQEALAVSRNYLSQPRLTYK TVSGVNGPLVILDHVKFPRYAEIVHLTLPDGTKRSGQVLEVSGSKAVVQV FEGTSGIDAKKTSCFTGDILRTPVSEDMGRVFNKSGKPIDRGPVLAE DFLDIMGQPINPQCRIYPEEMIRTGISAIDGMNSIARGQKIPFSAAGLPHNEI AAQICRQAGLVKSKDVVDYSEENFAIVFAAMGVNMETARFFKSDFEEN GSMNDVCLFLNLANPTIERIITPRLALTTAEFLAYQCEKHVLVILDMSSY AEALREVSAAREEVPGRRGFPGYMYTDLATYERAGRVGGRNGSITQIPI LTMPNDDITHPIPDLTGYITEGQIYVDRQLHNRQIYPPINVLPSLSRLMKS AIGEGMTRKDHADVSNQLYACYAIGKDVQAMKAVVGEEALTSDDL YLEFLQKFERNFIAQGPYENRTVFETLDIGWQLLRIFPKEMLKRI PQSTLSEFYPRDSAKH
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)

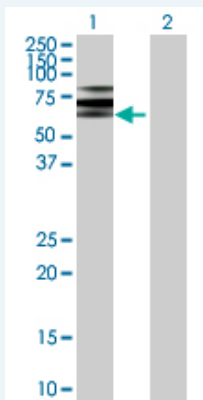


Publication Reference

1. [Rho2 palmitoylation is required for plasma membrane localization and proper signaling to the fission yeast cell integrity MAPK pathway.](#)
Sanchez-Mir L, Franco A, Martin-Garcia R, Madrid M, Vicente-Soler J, Soto T, Gacto M, Perez P, Cansado JMol Cell Biol. 2014 May 12.

Applications

Western Blot (Transfected lysate)



Western Blot analysis of ATP6V1B2 expression in transfected 293T cell line ([H00000526-T01](#)) by ATP6V1B2 MaxPab polyclonal antibody.

Lane 1: ATP6V1B2 transfected lysate(56.40 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [526](#)

GeneBank [BC030640](#)

Accession#:

Protein [AAH30640.1](#)

Accession#:

Gene Name: ATP6V1B2

Gene Alias: ATP6B1B2,ATP6B2,HO57,VATB,VPP3,Vma2

Gene ATPase, H⁺ transporting, lysosomal 56/58kDa, V1 subunit B2

Description:

Omim ID: [606939](#)

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, 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. The protein encoded by this gene is one of two V1 domain B subunit isoforms and is the only B isoform highly expressed in osteoclasts. [provided by RefSeq]

Other Designations: ATPase, H⁺ transporting, lysosomal (vacuolar proton pump), beta polypeptide, 56/58kD, isoform 2,ATPase, H⁺ transporting, lysosomal 56/58kDa, V1 subunit B, isoform 2,H⁺ transporting two-sector ATPase,V-ATPase B2 subunit,endomembrane proton pump 58 kDa subu

Gene Pathway

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