



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

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) 

ATP6AP1 polyclonal antibody (A01)

Catalog # : H00000537-A01

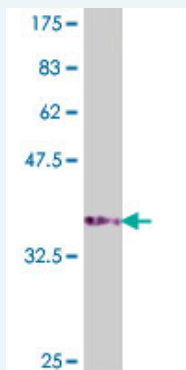
規格 : [50 uL]

List All

Specification

Product Description:	Mouse polyclonal antibody raised against a partial recombinant ATP6AP1.
Immunogen:	ATP6AP1 (NP_001174, 51 a.a. ~ 150 a.a) partial recombinant protein with GST tag.
Sequence:	SSDRDLWAPAADTHEGHITSDLQLSTYLDPALELGPRNVLLFLQDKLSIEDFTAYGGVFGNKQDSAFSNLENALDLAPSSLVLPADVWYAVSTLTTYLQ E
Host:	Mouse
Reactivity:	Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.11 kDa) .

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

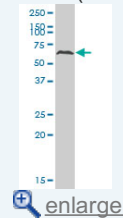
Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)

Application Image

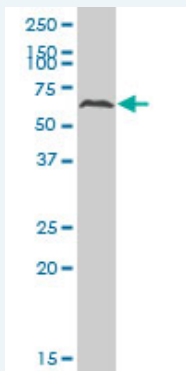
Western Blot (Cell lysate)



[enlarge](#)

Western Blot (Recombinant protein)

ELISA



ATP6AP1 polyclonal antibody (A01), Lot # 051207JC01 Western Blot analysis of ATP6AP1 expression in HeLa (Cat # L013V1).

 [Protocol Download](#)

Western Blot (Recombinant protein)

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [537](#)

GeneBank Accession#: [NM_001183](#)

Protein Accession#: [NP_001174](#)

Gene Name: ATP6AP1

Gene Alias: 16A,ATP6IP1,ATP6S1,Ac45,CF2,MGC129781,VATPS1,XAP-3,XAP3

Gene Description: ATPase, H⁺ transporting, lysosomal accessory protein 1

Omim ID: [300197](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a component of a multisubunit enzyme (1 mDa MW) that mediates acidification of eukaryotic intracellular organelles. Vacuolar ATPase (V-ATPase) is comprised of a cytosolic V1 (site of the ATP catalytic site) and a transmembrane V0 domain. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, and receptor-mediated endocytosis. The encoded protein of this gene is approximately 45 kD and may assist in the V-ATPase-mediated acidification of neuroendocrine secretory granules. [provided by RefSeq]

Other Designations: ATPase, H⁺ transporting, lysosomal (vacuolar proton pump), subunit 1,ATPase, H⁺ transporting, lysosomal interacting protein 1,H-ATPase subunit,OTTHUMP00000032115,V-ATPase S1 accessory protein

Gene Pathway

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

Related Disease

[Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2](#) [Edema](#)

