



# 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

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## Datasheet

### ATP6V0D1 recombinant monoclonal antibody, clone R07-1A5

VPATPD

**Catalog Number:** RAB06025**Regulatory Status:** For research use only (RUO)**Product Description:** Rabbit recombinant monoclonal antibody raised against human ATP6V0D1.**Clone Name:** R07-1A5**Immunogen:** Original antibody is raised against recombinant protein corresponding to human ATP6V0D1.**Theoretical MW (kDa):** Calculated MW: 40 kD**Antibody Species:** Rabbit**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols**Form:** Liquid**Purification:** Affinity chromatography**Isotype:** IgG**Recommend Usage:** Immunofluorescence (1/50-1/200)  
Immunohistochemistry (1/50-1/100)  
Immunoprecipitation (1/20)  
Western Blot (1/500-1/1000)  
The optimal working dilution should be determined by the end user.**Storage Buffer:** In 50mM Tris-Glycine, 150mM NaCl, pH 7.4 (40% glycerol, 0.05% BSA and 0.01% Sodium azide)**Storage Instruction:** Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.**Entrez GeneID:** 9114**Gene Symbol:** ATP6V0D1**Gene Alias:** ATP6D, ATP6DV, P39, VATX, VMA6,**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 known as the D subunit and is found ubiquitously. [provided by RefSeq]