

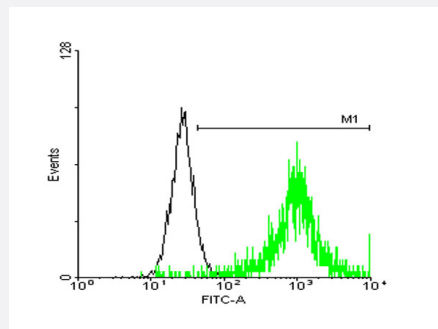
MaxPab®

# ATP1B3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000483-B01P

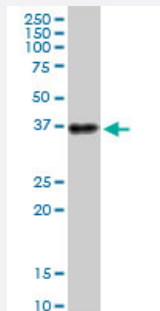
Size 50 ug

## Applications



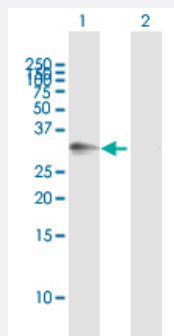
### Flow Cytometry

FACS analysis of negative control 293 cells (Black) and ATP1B3 expressing 293 cells (Green) using ATP1B3 purified MaxPab mouse polyclonal antibody.



### Western Blot (Cell lysate)

ATP1B3 MaxPab polyclonal antibody. Western Blot analysis of ATP1B3 expression in A-431.



### Western Blot (Transfected lysate)

Western Blot analysis of ATP1B3 expression in transfected 293T cell line ([H00000483-T01](#)) by ATP1B3 MaxPab polyclonal antibody.

Lane 1: ATP1B3 transfected lysate(30.69 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human ATP1B3 protein.

Immunogen	ATP1B3 (NP_001670.1, 1 a.a. ~ 279 a.a) full-length human protein.
Sequence	MTKNEKKSLNQSLAEWKLFYNPPTTGEFLGRTAKSWGLILLFYLVFYGFLLAALFSFTMWVMLQTLN DEVPKYRDQIPSPGLMVFPKPVTALEYTFSRSDPTSYAGYIEDLKKFLKPYTLEEQKNLTVCPDGA LFEQKGPVYVACQFPISLLQACSGMNDPDFGYSQGNPCILVKMNRIIGLKPEGVPRIDCVSKNEDI PNVAVYPHNGMIDLKYFPYGGKKLHVGYLQPLVAVQVSFAPNNTGKEVTVECKIDGSANLKSQDD RDKFLGRVMFKITARA
Host	Mouse
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.

## Applications

- Flow Cytometry

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- Western Blot (Cell lysate)

ATP1B3 MaxPab polyclonal antibody. Western Blot analysis of ATP1B3 expression in A-431.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ATP1B3 expression in transfected 293T cell line ([H00000483-T01](#)) by ATP1B3 MaxPab polyclonal antibody.

Lane 1: ATP1B3 transfected lysate(30.69 KDa).

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[Protocol Download](#)

## Gene Info — ATP1B3

Entrez GeneID	<a href="#">483</a>
GeneBank Accession#	<a href="#">NM_001679</a>
Protein Accession#	<a href="#">NP_001670.1</a>

Gene Name	ATP1B3
Gene Alias	ATPB-3, CD298, FLJ29027
Gene Description	ATPase, Na <sup>+</sup> /K <sup>+</sup> transporting, beta 3 polypeptide
Omim ID	<a href="#">601867</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>The protein encoded by this gene belongs to the family of Na<sup>+</sup>/K<sup>+</sup> and H<sup>+</sup>/K<sup>+</sup> ATPases beta chain proteins, and to the subfamily of Na<sup>+</sup>/K<sup>+</sup> -ATPases. Na<sup>+</sup>/K<sup>+</sup> -ATPase is an integral membrane protein responsible for establishing and maintaining the electrochemical gradients of Na and K ions across the plasma membrane. These gradients are essential for osmoregulation, for sodium-coupled transport of a variety of organic and inorganic molecules, and for electrical excitability of nerve and muscle. This enzyme is composed of two subunits, a large catalytic subunit (alpha) and a smaller glycoprotein subunit (beta). The beta subunit regulates, through assembly of alpha/beta heterodimers, the number of sodium pumps transported to the plasma membrane. The glycoprotein in subunit of Na<sup>+</sup>/K<sup>+</sup> -ATPase is encoded by multiple genes. This gene encodes a beta 3 subunit. This gene encodes a beta 3 subunit. A pseudogene exists for this gene, and it is located on chromosome 2. [provided by RefSeq]</p>
Other Designations	Na <sup>+</sup> /K <sup>+</sup> -ATPase beta 3 subunit Na, K-ATPase beta-3 polypeptide sodium/potassium-dependent ATPase beta-3 subunit sodium/potassium-transporting ATPase beta-3 chain

## Pathway

- [Cardiac muscle contraction](#)