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Datasheet for ABIN513600
anti-ATP1B3 antibody (AA 1-279)

3 Images

Overview

Quantity:	50 µg
Target:	ATP1B3
Binding Specificity:	AA 1-279
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	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:	MTKNEKKSLN QSLAEWKLFY YNPTTGEGFLG RTAKSWGLIL LFYLVFYGFL AALFSFTMWV MLQTLNDEVP KYRDQIPSPG LMVFPKPVTA LEYTFSRSDP TSYAGYIEDL KKFLKPYTLE EQKNLTVCPD GALFEQKGPV YVACQFPISL LQACSGMNDP DFGYSQGNPC ILVKMNRIG LKPEGVPRID CVSKNEDIPN VAVYPHNGMI DLKYFPYYGK KLHVGYLQPL VAVQVSFAPN NTGKEVTVEC KIDGSANLKS QDDRDKFLGR VMFKITARA
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	ATP1B3
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Target Details

Alternative Name:	ATP1B3 (ATP1B3 Products)
Background:	Full Gene Name: ATPase, Na ⁺ /K ⁺ transporting, beta 3 polypeptide Synonyms: ATPB-3,CD298,FLJ29027
Gene ID:	483
NCBI Accession:	NM_001679
Pathways:	Thyroid Hormone Synthesis

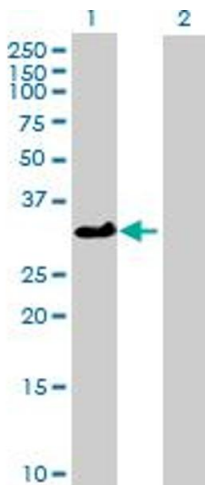
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images

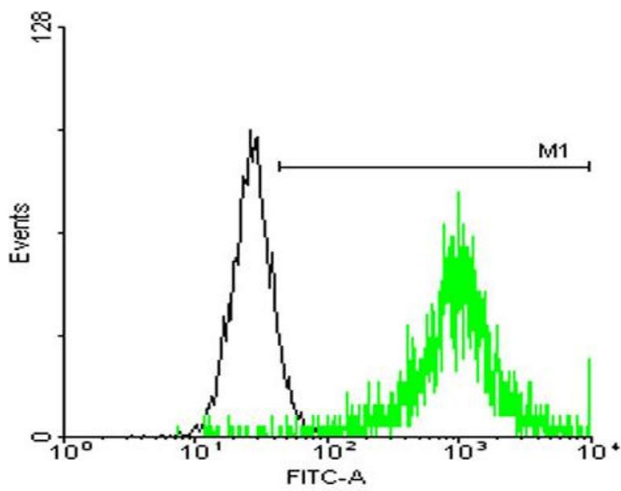


Western Blotting

Image 1. Western Blot analysis of ATP1B3 expression in transfected 293T cell line by ATP1B3 MaxPab polyclonal antibody.

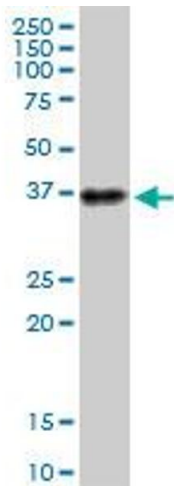
Lane 1: ATP1B3 transfected lysate(30.69 KDa).

Lane 2: Non-transfected lysate.



Flow Cytometry

Image 2. FACS analysis of negative control 293 cells (Black) and ATP1B3 expressing 293 cells (Green) using ATP1B3 purified MaxPab mouse polyclonal antibody.



Western Blotting

Image 3. ATP1B3 MaxPab polyclonal antibody. Western Blot analysis of ATP1B3 expression in A-431.