

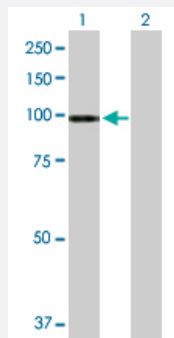
MaxPab®

ATP2C1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00027032-B01P

Size 50 ug

Applications

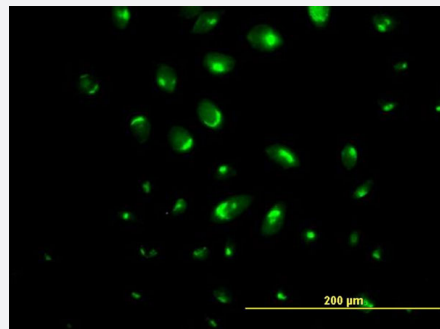


Western Blot (Transfected lysate)

Western Blot analysis of ATP2C1 expression in transfected 293T cell line ([H00027032-T01](#)) by ATP2C1 MaxPab polyclonal antibody.

Lane 1: ATP2C1 transfected lysate (101.09 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ATP2C1 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ATP2C1 protein.

Immunogen

ATP2C1 (NP_055197.2, 1 a.a. ~ 919 a.a) full-length human protein.

Sequence

MKVARFQKIPNGENETMIPVLTSSKKASELPVSEVASILQADLQNGLNKCEVSHRRAFHGWNEFDI
SEDEPLWKKYISQFKNPLIMLLASAVISVLMHQFDDAVSITVAILNVTVAFVQEYRSEKSLEELSK
LVPPECHCVREGKLEHTLARDLVPGDTVCLSVGDRVPADLRLFEAVDLSIDESSLTGETTPCSKV
TAPQPAATNGDLASRSNIAFMGTLVRCGKAKGVVIGTGENSEFGEVFKMMQAEAPKTPKQSM
DLLGKQLSFYSFGIIGIIMLVGWLLGKDILEMFTISVSLAVAAIPEGLPIVTVTLALGVMRMVKKRAM
KKLPIVETLGCCNVICSDKTGTLTKNEMTVTHIFTSDDLHAEVTGVGYNQFGEVVDGDDVHGFYNP
AVSRIVEAGCVCNDAVIRNNTLMGKPTGALIALAMKMGDLGLQQDYIRKAEYFSSSEQKWMMAVK
CVHRTQQDRPEICFMKGAYEQVIKYCTTYQSKGQTLTLTQQQRDVYQQEKARMGSAGLRVLALAS
GPELGQLTFLGLVGIIDPPRTGVKEAVTTIASGVSIIKMITGDSQETAVAIASRLGLYSKTSQSVSGE
EIDAMDVQQLSQVMPKVAVFYRASPRHKMKIISLQKNGSVVAMTGDGVNDAVALKAADIGVAMG
QTGTDVCKEAAADMILVDDDFQTMSAIEEGKGYNINNFVRFQLSTSIAALTLISLATLMNFPNPLNA
MQILWINIIMDGPPAQSGLGVEPVDKDVIRKPPRNWKDSILTKNLILKILVSSIIIVCGTLFVFWRELDRN
VITPRDTTMTFTCFVFFDMFNALSSRSQTKSVFEIGLCSNRMFCYAVLGSIMGQLLVYFPPLQKVF
QTESLSILDLLFLLGLTSSVCVAEIIKKVERSREKIQKHVSSTSSSFLEV

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.

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[Protocol Download](#)

Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ATP2C1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — ATP2C1

Entrez GeneID

[27032](#)

GeneBank Accession#

[NM_014382](#)

Protein Accession#

[NP_055197.2](#)

Gene Name	ATP2C1
Gene Alias	ATP2C1A, BCPM, HHD, KIAA1347, PMR1, SPCA1, hSPCA1
Gene Description	ATPase, Ca ⁺⁺ transporting, type 2C, member 1
Omim ID	169600 604384
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the family of P-type cation transport ATPases. This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the transport of the calcium. Defects in this gene cause Hailey-Hailey disease, an autosomal dominant disorder. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]
Other Designations	ATP-dependent Ca(2+) pump ATPase 2C1 ATPase, Ca(2+)-sequestering HUSSY-28 calcium-transporting ATPase 2C1 secretory pathway Ca2+/Mn2+ ATPase