

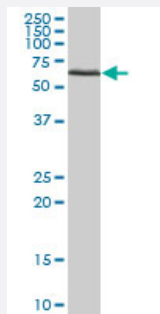
MaxPab®

ATAD3B purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00083858-B01P

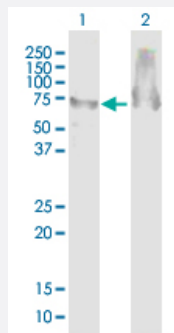
Size 50 ug

Applications



Western Blot (Tissue lysate)

ATAD3B MaxPab polyclonal antibody. Western Blot analysis of ATAD3B expression in human colon.

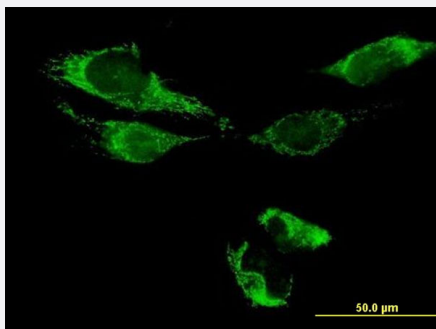


Western Blot (Transfected lysate)

Western Blot analysis of ATAD3B expression in transfected 293T cell line ([H00083858-T01](#)) by ATAD3B MaxPab polyclonal antibody.

Lane 1: ATAD3B transfected lysate(71.28 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ATAD3B on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ATAD3B protein.

Immunogen	ATAD3B (AAH02542.1, 1 a.a. ~ 648 a.a) full-length human protein.
Sequence	MSWLFGVNKGPKGEGAGPPPPLPPAQPGEAGGGDRGLGDRPAPKDKWSNFDPTGLERAACA ARELEHSRYAKEALNLAQMQEQLQLEQQSKLKEYEAAVEQLKSEQIRAQAEERRKTLSEETRQ HQARAQYQDKLARQRYEDQLKQQRLLNEENLRKQEEVQKQEAAMRRATVEREMELRHKNEMLR VETEARARAKAERENADIIREQIRLKASEHRQTVLESIRTAGTLFGEGFRAFVTDRDKVTATVAGLT LLAVGVYSAKNATAVTGRFIEARLGKPSLVRETSRITVLEALRHPIQVSRLLSRPQDVLEGVVLSP SLEARVRDIAIATRNTKKNRGLYRHILLYGPPGTGKTLFAKKLALHSGMDYAIMTGGDVAPMGREGV TAMHKLFDWANTSRRGLLLFMDEADAFLRKRATEEISKDLRATLNAFLYHMGQHSNKFMLVLASN LPEQFDCAINSRIIDVMVHFDLPQQEERERLVRHFDNCVLKPATEGKRRLKLAQFDYGRKCSEV ARLTEGMSGREIAQLAVSWQATAYASKDGVLTEAMMDACVQDAVQQYRQKMRWLKAEGPGRG VEHPLSGVQGETLTWSLATDPSYPCLAGPCTFRICSWMG TG LCPGPLSPRMSCGGGRPF CPP GHPLL
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

- Western Blot (Tissue lysate)

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[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ATAD3B expression in transfected 293T cell line ([H00083858-T01](#)) by ATAD3B MaxPab polyclonal antibody.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ATAD3B on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — ATAD3B

Entrez GeneID	83858
GeneBank Accession#	BC002542.2
Protein Accession#	AAH02542.1
Gene Name	ATAD3B
Gene Alias	AAA-TOB3, KIAA1273, TOB3
Gene Description	ATPase family, AAA domain containing 3B
Gene Ontology	Hyperlink
Gene Summary	ATAD3A (MIM 612316) and ATAD3B are mitochondrial membrane proteins that contribute to the stabilization of large mitochondrial DNA (mtDNA)-protein complexes called nucleoids (He et al., 2007 [PubMed 17210950]).[supplied by OMIM]
Other Designations	AAA-ATPase TOB3 AAA-ATPase TOB3 OTTHUMP00000000600

Publication Reference

- [Fatal perinatal mitochondrial cardiac failure caused by recurrent de novo duplications in the ATAD3 locus.](#)

Ann E Frazier, Alison G Compton, Yoshihito Kishita, Daniella H Hock, AnneMarie E Welch, Sumudu S C Amarasekera, Rocio Rius, Luke E Formosa, Atsuko Imai-Okazaki, David Francis, Min Wang, Nicole J Lake, Simone Tregoning, Jafar S Jabbari, Alexis Lucattini, Kazuhiro R Nitta, Akira Ohtake, Kei Murayama, David J Amor, George McGillivray, Flora Y Wong, Marjo S van der Knaap, R Jeroen Vermeulen, Esko J Wiltshire, Janice M Fletcher, Barry Lewis, Gareth Baynam, Carolyn Ellaway, Shanti Balasubramaniam, Kau

Med (New York, N.Y.) 2021 Jan; 2(1):49.

Application: WB-Ce, WB-Tr, Human, HEK 293FT cells, Human (Patients) skin fibroblasts

- [Type 2 Diabetes Biomarkers and Uses Thereof.](#)

Eustache Paramithiotis, Marc Prentki, R mi Rabasa-Ihoret, Pascal Croteau, Joel Lanoix, Murthy S. R. Madiraju,  rik Joly
United States Patent Application Publication 2015 Nov; [Epub].

Application: IF, WB, Human, Mouse, Rat, Islets, INS832/13, MIN6 cells

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)