

Product Datasheet

TBC1D1 Antibody - Azide and BSA Free H00023216-B02P

Unit Size: 50 ug

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00023216-B02P

TBC1D1 Antibody - Azide and BSA Free

Product Information	
Unit Size	50 ug
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein G purified
Buffer	PBS (pH 7.4)

Product Description	
Description	Novus Biologicals Mouse TBC1D1 Antibody - Azide and BSA Free (H00023216-B02P) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-TBC1D1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	23216
Gene Symbol	TBC1D1
Species	Human
Immunogen	TBC1D1 (AAH50321.3, 1 a.a. - 1168 a.a.) full-length human protein. MEPITFTARKHLLSNEVSVDVDFGLQLVGLSLPVHSLTTMPMLPWVVAEVRRLSRQ STRKEPVTKQVRLCVSPSGLRCEPEPGRSQWDPLIYSSIFECKPQRVHKLIIH NSHDPSYFACLKEDAVHRQSICYVFKADDQTKVPEIISIRQAGKIARQEELHC PSEFDDTFSKKFEVLFVCGRVTVAHKKAPPALIDECIEKFNHVSGSRGSESPRPN PPHAAPTGSQEPVRRPMPKSFSSQPGLRSLAFRKELDGGLRSSGFFSSFEES DIENHLISGHNIVQPTDIEENRTMLFTIGQSEVYLISPDTKKIALEKNFKEISFCSQ GIRHVDHFGFICRESSGGGGFHFVCYVFQCTNEALVDEIMMTLTKQAFTVAAVQ QTAKAPAQLCEGCPLQSLHKLKERIEGMNSSKTKLELQKHLTTLTNQEATIFE EVQKLRPRNEQRENELIISFLRCLYEEKQKEHIIHIGEMKQTSQMAAENIGSELPP SATRFRDMLKNKAKRSLTESLESILSRGNKARGLQEHSISVDLSDSSLSSTLSNT SKEPSVCEKEALPISESSFKLLGSSDLSSESHPPEAPLSPQAFRRRAN TLSHFPIECQEPQPARGSPGVSQRKLMRYHSVSTETPHERKDFESKANHLG DSGGTPVKTRRHSWRQQIFLRVATPQKACDSSRYEDYSELGELPPRSPLEP VCEDGPFPGPPPEEKRTSRELRELWQKAILKQILLRMEKENQKLQASENDLLN KRLKLDYEEITPCLKEVTTVWEKMLSTPGRSKIKFDMKMSAVGGVPRHHR GEIWKFLAEQFHLKHQFPSKQQPKDVYPYKELLKQLTSQQHAILIDLGRFTFTHP YFSAQLGAGQLSLYNILKAYSLLDQEVGYCQGLSFVAGILLHLMSEEEAFKMLK FLMFDMLGRKQYRPDMILQIQMYQLSRLLDHYHRDLYNHLEEHEIGPSLYAAP WFLTMFASQFPLGFVARVDFMIFLQGTVEVIFKVALSLLGSHKPLILQHENLETIVD FIKSTLPNLGLVQMEKTINQVFEMDIKQLQAYEVEYHVLQEELIDSSPLSDNQR MDKLEKTNSSLRKQNLDLLEQLQVANGRIQSLEATIEKLLSSESKLKQAMLTLEL ERSALLQTVEELRRRSAEPSDREPECTQPEPTGD
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, Immunocytochemistry/ Immunofluorescence

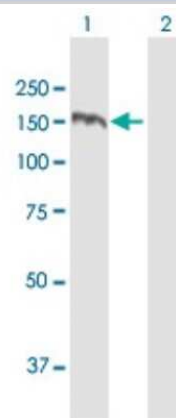


Application Notes

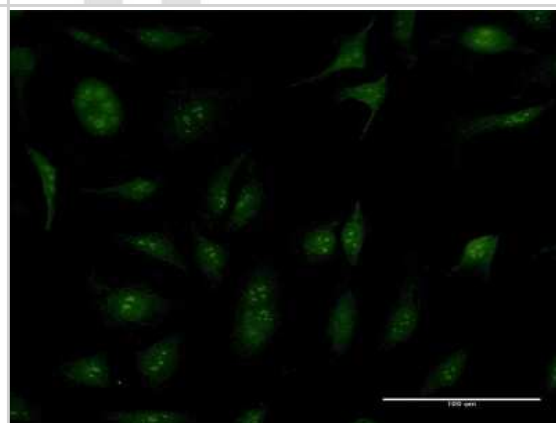
This antibody is useful for Western Blot

Images

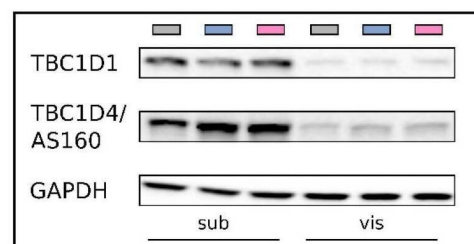
Western Blot: TBC1D1 Antibody [H00023216-B02P] - Analysis of TBC1D1 expression in transfected 293T cell line by TBC1D1 polyclonal antibody. Lane 1: TBC1D1 transfected lysate(128.48 KDa). Lane 2: Non-transfected lysate.



Immunocytochemistry/Immunofluorescence: TBC1D1 Antibody [H00023216-B02P] - Analysis of purified antibody to TBC1D1 on HeLa cell. (antibody concentration 10 ug/ml)



Gene (A) and protein expression (B) of AS160/TBC1D4 and its structural homolog TBC1D1 in adipocytes differentiated from ADMSCs derived from SAT and VAT of lean and morbidly obese women. Values are expressed in arbitrary units; the mean in adipocytes differentiated from the subADMSCs' lean control was set at 1 or 100, respectively. (C) Representative Western Blot images are shown. (D) Measurement of ³H-palmitate uptake in fully differentiated adipocytes from subADMSCs and visADMSCs of lean and morbidly obese women. Values are expressed in DPM per mg of protein. a–difference vs. Lean group in the studied tissue; b–difference vs. Obese(-) group in the studied tissue; c–difference between adipocytes differentiated from visADMSCs vs. subADMSCs within the patient metabolic status. Data are presented as mean +/- SD (n = 4 for each study group, measurements taken in duplicate for LCFA uptake and n = 3 for WB analysis). p < 0.05. Designation of the groups: Obese(-)–obese without metabolic syndrome patients; Obese(+)-obese with metabolic syndrome patients. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/35563741>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.

**Publications**

Miklosz A, lukaszuk B, Supruniuk E, Grubczak K The Phenotype of the Adipocytes Derived from Subcutaneous and Visceral ADMSCs Is Altered When They Originate from Morbidly Obese Women: Is There a Memory Effect? Cells 2022-01-01 [PMID: 35563741] (WB, Human)



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Products Related to H00023216-B02P

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97019-5mg	Mouse IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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