

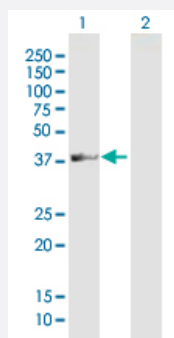
MaxPab®

ADAT3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00113179-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ADAT3 expression in transfected 293T cell line by ADAT3 MaxPab polyclonal antibody.

Lane 1: ADAT3 transfected lysate(38.61 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ADAT3 protein.

Immunogen

ADAT3 (NP_612431, 1 a.a. ~ 351 a.a) full-length human protein.

Sequence

MEPAPGLVEQPKCLEAGSPEPEPAPWQALPVLSEKQSGDVELVLAAPVLDKRQTSRLKEV
SALHPLPAQPHLKRVRPSRDAGSPHALEMLLCLAGPASGPRSLAELLPRPAVDPRGLGQPFLVP
VPARPPLTRGQFEEARAHWPTSFHEDKQVTSALAGRLFSTQERAAMQSHMERAVWAARRAAA
RGLRAVGAVVVDPASDRVLATGHDCSCADNPLLHAVMVCVDLVARGQGRTYDFRPFACSF
APAAAPQAVRAGAVRKLDADEDGLPYLCTGYDLYVTREPCAMCAMLVHARILRVFYGAPSPDG
ALGTRFRIHARPDNLNHRFQVFRGVLEEQCRWLDPDT

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (81); Rat (81)

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](#)

Gene Info — ADAT3

Entrez GeneID [113179](#)

GeneBank Accession# [NM_138422](#)

Protein Accession# [NP_612431](#)

Gene Name ADAT3

Gene Alias FWP005, MST121, MSTP121, S863-5, TAD3

Gene Description adenosine deaminase, tRNA-specific 3, TAD3 homolog (S. cerevisiae)

Gene Ontology [Hyperlink](#)

Gene Summary tRNA-specific 3

Other Designations tRNA-specific adenosine deaminase 3|tRNA-specific adenosine deaminase 3 homolog

Publication Reference

- [Identification and rescue of a tRNA wobble inosine deficiency causing intellectual disability disorder.](#)

Jillian Ramos, Melissa Proven, Jonatan Halvardson, Felix Hagelskamp, Ekaterina Kuchinskaya, Ben Phelan, Ryan Bell, Stefanie Kellner, Lars Feuk, Ann-Charlotte Thuresson, Dragony Fu.

RNA 2020 Nov; 26(11):1654.

Application: WB-Tr, Human, HEK 293T cells, Human skin fibroblasts

- [Formation of tRNA wobble inosine in humans is disrupted by a millennia-old mutation causing intellectual disability.](#)

Ramos J, Han L, Li Y, Hagelskamp F, Kellner SM, Alkuraya FS, Phizicky EM, Fu D.

Molecular and Cellular Biology 2019 Sep; 39(19):e00203.

Application: IF, Human, Human lymphoblastoid cells