



PRODUCT DATA SHEET

Bioworld Technology, Inc.

ADAL polyclonal antibody

Catalog: BS33347

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

N6-Methyl-AMP deaminase: Deaminase involved in the detoxification of modified adenosines containing N(6)-methylated adenine (m6A) post-transcriptional modification. Modified nucleosides are derived from the degradation of RNAs (mRNAs, rRNAs and tRNAs) and possess intrinsic cytotoxicity and must be cleared to prevent metabolic dysfunction. Acts downstream of ADK and catalyzes the hydrolysis of the free cytosolic methylated adenosine nucleotides N(6)-methyl-AMP (m6AMP), N(6),N(6)-dimethyl-AMP (m6,6AMP) and N(6)-isopentenyl-AMP (i6AMP) to produce inositol monophosphate (IMP). Catalyzes the removal of different alkyl groups not only from N6-substituted purine or 2-aminopurine nucleoside monophosphates but also from O6-substituted compounds in vitro

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~40.3 kDa

Swiss-Prot:

Q6DHV7

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of ADAL protein

DATA:

Western blot analysis of LETM1 expression in HeLa (A), mouse heart (B), rat brain (C) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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