



[Go to Product page](#)

Datasheet for ABIN7468602
anti-MAT2B antibody

Overview

Quantity:	100 µL
Target:	MAT2B
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAT2B antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human MAT2B. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	MAT2B
Alternative Name:	methionine adenosyltransferase 2B (MAT2B Products)
Background:	Synonyms: methionine adenosyltransferase 2B , MAT-II , MATIIbeta , Nbla02999 , SDR23E1 ,

Target Details

TGR

Background: The protein encoded by this gene belongs to the methionine adenosyltransferase (MAT) family. MAT catalyzes the biosynthesis of S-adenosylmethionine from methionine and ATP. This protein is the regulatory beta subunit of MAT. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified. [provided by RefSeq]

Molecular Weight: 38 kDa

Gene ID: 27430

UniProt: [Q9NZL9](#)

Pathways: [Ribonucleoside Biosynthetic Process](#), [Methionine Biosynthetic Process](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: 293T Validation: KO/KD

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.45 mg/mL

Buffer: 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.