

MAT2B rabbit monoclonal antibody

Catalog # H00027430-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MAT2B peptide using ARM Technology.
Immunogen	A synthetic peptide of human MAT2B is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human MAT2B peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — MAT2B

Entrez GeneID [27430](#)

GeneBank Accession# [MAT2B](#)

Gene Name MAT2B

Gene Alias MAT-II, MATIIBeta, MGC12237, Nbla02999, SDR23E1, TGR

Gene Description methionine adenosyltransferase II, beta

Omim ID [605527](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations beta regulatory subunit of methionine adenosyltransferase|dTDP-4-keto-6-deoxy-D-glucose 4-reductase|putative protein product of Nbla02999|short chain dehydrogenase/reductase family 23E, member 1

Pathway

- [Biosynthesis of plant hormones](#)
- [Cysteine and methionine metabolism](#)
- [Metabolic pathways](#)
- [Selenoamino acid metabolism](#)

Disease

- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Spinal Dysraphism](#)