



Anti-MAT2B (full length) polyclonal antibody (DPAB-DC1385)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 results in multiple transcript variants encoding different isoforms.
Immunogen	MAT2B (AAH05218, 1 a.a. ~ 323 a.a) full-length recombinant protein with GST tag. The sequence is MPEMPEDMEQEEVNIPNRRVLVTGATGLLGRAVHKEFQQNNWHAVGCGFRRARPKFEQVN LLDSNAVHHIIHDFQPHVIVHCAAERRPDVVENQPDAAASQLNVDASGNLAKEAAAVGAFL IYISSDYVFDGTNPPYREEDIPAPLNLYGKTKLDGEKAVLENNLGAAVLRIPILYGEVEK LEESAVTVMFDKVQFSNKSANMDHWQQRFPTHVKDVATVCRQLAEKRMLDPSIKGTFHWS GNEQMTKYEMACAIADAFNLPSSHLRPITDSPVLGAQRPRNTQLDCSKLETLGIGQRTPF RIGIKESLWPFLIDKRWRQTVFH
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	MAT2B methionine adenosyltransferase II, beta [Homo sapiens (human)]
Official Symbol	MAT2B
Synonyms	MAT2B; methionine adenosyltransferase II, beta; TGR; MAT-II; SDR23E1; MATIIBeta; Nbla02999; methionine adenosyltransferase 2 subunit beta; MAT II beta; putative protein product of Nbla02999; dTDP-4-keto-6-deoxy-D-glucose 4-reductase; putative dTDP-4-keto-6-deoxy-D-glucose 4-reductase; short chain dehydrogenase/reductase family 23E, member 1; beta regulatory subunit of methionine adenosyltransferase;
Entrez Gene ID	27430
Protein Refseq	NP_037415
UniProt ID	Q9NZL9
Chromosome Location	5q34-q35
Pathway	Biological oxidations; Biosynthesis of amino acids; Cysteine and methionine metabolism; Metabolism of amino acids and derivatives
Function	dTDP-4-dehydrorhamnose reductase activity; enzyme binding; methionine adenosyltransferase regulator activity;