

bs-4054R**[Primary Antibody]**

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MAT2A Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Cow, Zebrafish, Chicken, Dog, Monkey) Predicted MW.: 44 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 4144	SWISS: P31153	
Target: MAT2A		
Immunogen: KLH conjugated synthetic peptide derived from human Methionine adenosyltransferase: 31-130/395.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: S adenosylmethionine synthetase catalyzes the formation of S adenosylmethionine from methionine and ATP. In mammalian tissues, there are three distinct forms of AdoMet synthases designated as alpha, beta, and gamma. Alpha and beta are expressed only in adult liver, while gamma is widely distributed in extrahepatic tissues.		

— SELECTED CITATIONS —

- **[IF=4.966]** Li Chen. et al. Activating transcription factor 4 regulates angiogenesis under lipid overload via methionine adenosyltransferase 2A - mediated endothelial epigenetic alteration. Faseb J. 2021 Jun;35(6):e21612 IHC ;Mouse. 33948996
- **[IF=4.181]** Chen et al. Metabolomic analysis reveals metabolic changes caused by bisphenol A in rats. (2014) Toxicol.Sci. 138:256-67 WB ;Rat. 24449424