

产品名称: FPGS Rabbit Monoclonal Antibody
产品货号: AMRe02001



产品概述 (Summary)

产品名称 (Production Name)	FPGS Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	FPGS
别名 (Alternative Names)	FPGS; Tetrahydrofolate synthase
基因 ID (Gene ID)	2356
蛋白 ID (SwissProt ID)	Q05932.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000
蛋白分子量 (Molecular Weight)	Calculated MW: 65 kDa; Observed MW: 65 kDa

研究背景 (Background)

Catalyzes conversion of folates to polyglutamate derivatives allowing concentration of folate compounds in the cell and the

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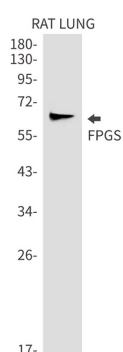


intracellular retention of these cofactors, which are important substrates for most of the folate-dependent enzymes that are involved in one-carbon transfer reactions involved in purine, pyrimidine and amino acid synthesis. Unsubstituted reduced folates are the preferred substrates. Metabolizes methotrexate (MTX) to polyglutamates.

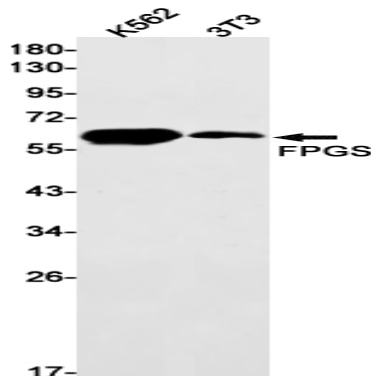
研究领域 (Research Area)

Signal Transduction

图片 (Image Data)



Western blot analysis of FPGS in rat lung lysates using FPGS antibody.



Western blot analysis of FPGS in K562, 3T3 lysates using FPGS antibody.

注意事项 (Note)

For research use only .