

产品名称: MTHFR Rabbit Monoclonal Antibody
产品货号: AMRe85808



产品概述 (Summary)

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

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)	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MTHFR
别名 (Alternative Names)	MTHFR; Methylenetetrahydrofolate reductase
基因 ID (Gene ID)	4524.0
蛋白 ID (SwissProt ID)	P42898.Recombinant protein of human MTHFR

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000, ICC 1:50-1:200, IP 1:10-1:20
蛋白分子量 (Molecular Weight)	Calculated MW: 75 kDa; Observed MW: 75 kDa

研究背景 (Background)

The protein encoded by this gene catalyzes the conversion of 5,10-methylenetetrahydrofolate to 5-methyltetrahydrofolate,

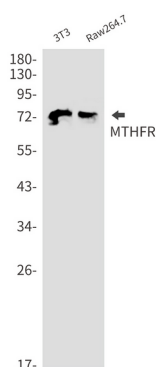
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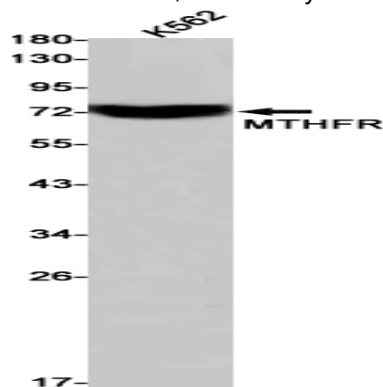
a co-substrate for homocysteine remethylation to methionine. Genetic variation in this gene influences susceptibility to occlusive vascular disease, neural tube defects, colon cancer and acute leukemia, and mutations in this gene are associated with methylenetetrahydrofolate reductase deficiency.

研究领域 (Research Area)

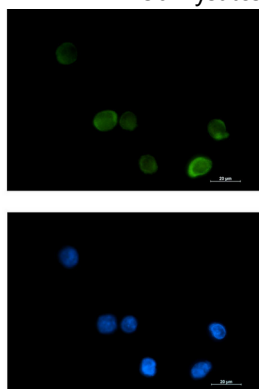
图片 (Image Data)



Western blot analysis of MTHFR in 3T3, Raw264.7 lysates using MTHFR antibody.



Western blot analysis of MTHFR in K562 lysates using MTHFR antibody



Immunocytochemistry analysis of MTHFR (green) in K562 using MTHFR antibody, and DAPI (blue).

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注意事项 (Note)

For research use only .