

产品名称: GAPDH Rabbit Monoclonal Antibody
产品货号: AMRe86291



产品概述 (Summary)

产品名称 (Production Name)	GAPDH Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC,IP
种属反应性 (Reactivity)	Human,Mouse,Rat,Monkey,Rabbit,Other,Zebrafish,Rabbit,Xenopus tropicalis,Chinese hamster,E. Escherichia coli

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)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	GAPDH
别名 (Alternative Names)	G3PD; GAPD; HEL-S-162eP
基因 ID (Gene ID)	14433
蛋白 ID (SwissProt ID)	P16858.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:200-1:2000,ICC/IF 1:200-1:500,FC 1:100-1:200,IP 1:50-1:100
蛋白分子量 (Molecular Weight)	Calculated MW:36 kDa; Observed MW:36 kDa

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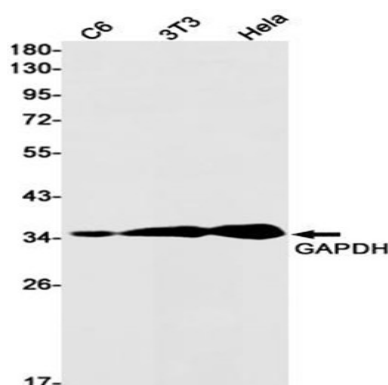


研究背景 (Background)

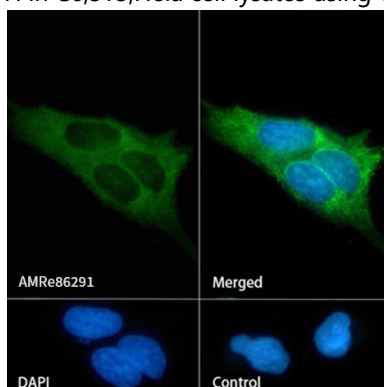
This gene encodes a member of the glyceraldehyde-3-phosphate dehydrogenase protein family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. The encoded protein was originally identified as a key glycolytic enzyme that converts D-glyceraldehyde 3-phosphate (G3P) into 3-phospho-D-glyceroyl phosphate. Subsequent studies have assigned a variety of additional functions to the protein including nitrosylation of nuclear proteins, the regulation of mRNA stability, and acting as a transferrin receptor on the cell surface of macrophage. Alternative splicing results in multiple transcript variants. Many pseudogenes similar to this locus are found throughout the mouse genome. [provided by RefSeq, Jan 2014]

研究领域 (Research Area)

图片 (Image Data)



Western blot detection of GAPDH in C6, 3T3, HeLa cell lysates using GAPDH antibody (1:1000 diluted).



Immunofluorescence analysis of HeLa cells labelling GAPDH with AMRe86291.

注意事项 (Note)

For research use only .

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