

产品名称: DGCR8 Rabbit Monoclonal Antibody
产品货号: AMRe01908



产品概述 (Summary)

产品名称 (Production Name)	DGCR8 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, IP
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)	DGCR8
别名 (Alternative Names)	DGCR8; DGCRK6; Gy1; C22orf12; D16Wis2; pasha
基因 ID (Gene ID)	54487
蛋白 ID (SwissProt ID)	Q8WYQ5.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000, ICC/IF 1:50-1:200, IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 86 kDa; Observed MW: 120 kDa

研究背景 (Background)

Component of the microprocessor complex that is required to process primary miRNA transcripts (pri-miRNAs) to release

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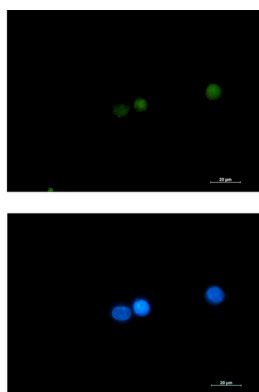


precursor miRNA (pre-miRNA) in the nucleus. Within the microprocessor complex, DGCR8 function as a molecular anchor necessary for the recognition of pri-miRNA at dsRNA-ssRNA junction and directs DROSHA to cleave 11 bp away from the junction to release hairpin-shaped pre-miRNAs that are subsequently cut by the cytoplasmic DICER to generate mature miRNAs.

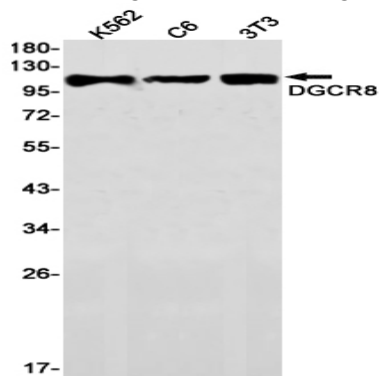
研究领域 (Research Area)

Epigenetics and Nuclear Signaling

图片 (Image Data)



Immunocytochemistry analysis of DGCR8 (green) in K562 using DGCR8 antibody, and DAPI (blue).



Western blot analysis of DGCR8 in K562, C6, 3T3 lysates using DGCR8 antibody.

注意事项 (Note)

For research use only .