

产品名称: ERCC8 (3A18) Rabbit Monoclonal Antibody
产品货号: AMRe10582



产品概述 (Summary)

产品名称 (Production Name)	ERCC8 (3A18) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IP
种属反应性 (Reactivity)	Human

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% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ERCC8
别名 (Alternative Names)	CKN1; CSA; ERCC8;
基因 ID (Gene ID)	1161.0
蛋白 ID (SwissProt ID)	Q13216.A synthetic peptide of human ERCC8

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IP 1:10-1:100
蛋白分子量 (Molecular Weight)	44kDa

研究背景 (Background)

Substrate-recognition component of the CSA complex, a DCX (DDB1-CUL4-X-box) E3 ubiquitin-protein ligase complex,

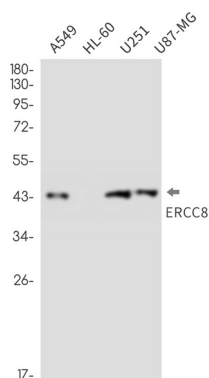
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involved in transcription-coupled nucleotide excision repair. Substrate-recognition component of the CSA complex, a DCX (DDB1-CUL4-X-box) E3 ubiquitin-protein ligase complex, involved in transcription-coupled nucleotide excision repair. The CSA complex (DCX(ERCC8) complex) promotes the ubiquitination and subsequent proteasomal degradation of ERCC6 in a UV-dependent manner; ERCC6 degradation is essential for the recovery of RNA synthesis after transcription-coupled repair. It is required for the recruitment of XAB2, HMG1 and TCEA1/TFIIIS to a transcription-coupled repair complex which removes RNA polymerase II-blocking lesions from the transcribed strand of active genes. Plays a role in DNA single-strand and double-strand breaks (DSSBs) repair; involved in repair of DSSBs by non-homologous end joining (NHEJ) (PubMed:29545921).

研究领域 (Research Area)

图片 (Image Data)



Western blot detection of ERCC8 in A549,HL-60,U251,U87-MG cell lysates using ERCC8 antibody(1:1000 diluted).

注意事项 (Note)

For research use only .