

产品名称: ERCC4 Rabbit Polyclonal Antibody
产品货号: APRab10581



产品概述 (Summary)

产品名称 (Production Name)	ERCC4 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
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)	Polyclonal
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ERCC4 ERCC4; ERCC11; XPF; DNA repair endonuclease XPF; DNA excision repair protein ERCC-4; DNA repair protein complementing XP-F cells; Xeroderma pigmentosum group F-complementing protein
别名 (Alternative Names)	
基因 ID (Gene ID)	2072.0
蛋白 ID (SwissProt ID)	Q92889.The antiserum was produced against synthesized peptide derived from human XPF. AA range:801-850

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	103kDa

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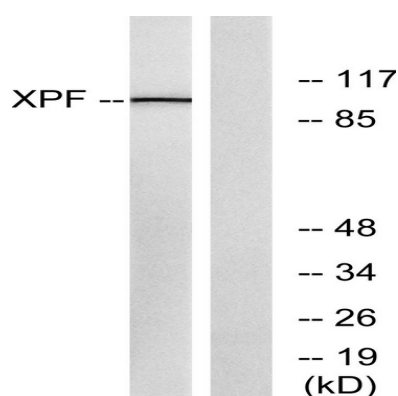
研究背景 (Background)

The protein encoded by this gene forms a complex with ERCC1 and is involved in the 5' incision made during nucleotide excision repair. This complex is a structure specific DNA repair endonuclease that interacts with EME1. Defects in this gene are a cause of xeroderma pigmentosum complementation group F (XP-F), or xeroderma pigmentosum VI (XP6). [provided by RefSeq, Mar 2009], cofactor: Magnesium., disease: Defects in ERCC4 are a cause of XFE progeroid syndrome [MIM:610965]. This syndrome is illustrated by one patient who presented with dwarfism, cachexia and microcephaly., disease: Defects in ERCC4 are the cause of xeroderma pigmentosum complementation group F (XP-F) [MIM:278760]; also known as xeroderma pigmentosum VI (XP6). XP-F is an autosomal recessive disease characterized by hypersensitivity of the skin to sunlight followed by high incidence of skin cancer and frequent neurologic abnormalities., function: Structure-specific DNA repair endonuclease responsible for the 5-prime incision during DNA repair. Involved in homologous recombination that assists in removing interstrand cross-link., similarity: Belongs to the XPF family., subunit: Heterodimer composed of ERCC1 and XPF/ERCC4. Interacts with EME1.,

研究领域 (Research Area)

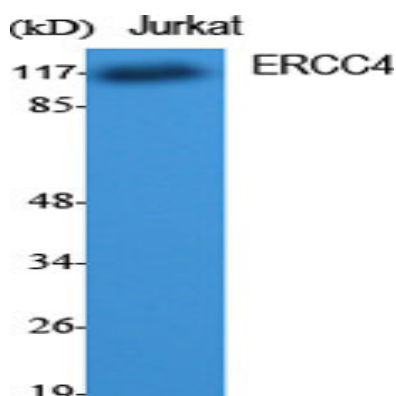
Nucleotide excision repair;

图片 (Image Data)

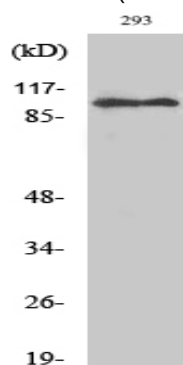


Western blot analysis of lysates from 293 cells, using XPF Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using ERCC4 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .



Western Blot analysis of 293 cells using ERCC4 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .

注意事项 (Note)

For research use only .