Product name:	ERCC4 Rabbit Polyclonal Antibody
Cat number:	ABN10581
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human XPF. AA range:801-850
Reactivity:	Human,Mouse
Applications:	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight:	103kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
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.,