

Anti-ERCC4 Antibody

Catalog # AP51195

Product Information

Application	WB, IP
Primary Accession	Q92889
Reactivity	Human, Mouse, Rat, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	104486

Additional Information

Gene ID	2072
Other Names	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
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human ERCC4. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IP~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

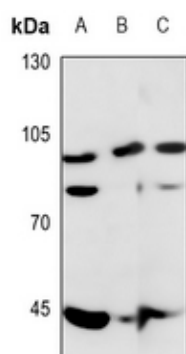
Protein Information

Name	ERCC4 {ECO:0000303 PubMed:8887684, ECO:0000312 HGNC:HGNC:3436}
Function	Catalytic component of a structure-specific DNA repair endonuclease responsible for the 5-prime incision during DNA repair, and which is essential for nucleotide excision repair (NER) and interstrand cross-link (ICL) repair.
Cellular Location	Nucleus. Chromosome. Note=Localizes to sites of DNA damage

References

Brookman K.W.,et al.Mol. Cell. Biol. 16:6553-6562(1996).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Sijbers A.M.,et al.Cell 86:811-822(1996).
Cleaver J.E.,et al.Hum. Mutat. 14:9-22(1999).

Images



Western blot analysis of ERCC4 expression in mouse liver (A), mouse testis (B), rat testis (C) whole cell lysates.
(Predicted band size: 104 kD; Observed band size: 104 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.