

Rabbit anti-Human XPF/ERCC4 Polyclonal Antibody | anti-XPF/ERCC4 antibody

Rabbit anti-XPF/ERCC4 Antibody, Affinity Purified

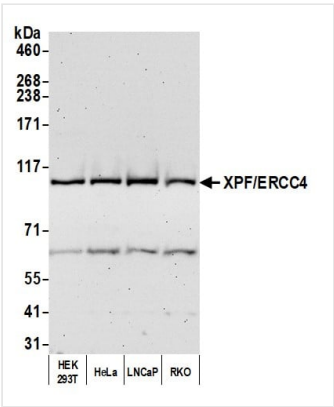
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211413	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

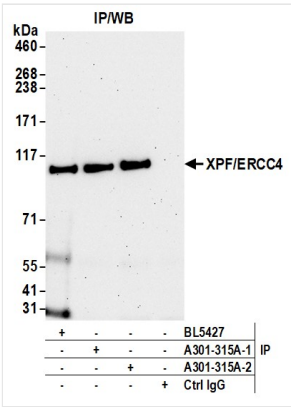
XPF/ERCC4; Polyclonal Antibody; Rabbit anti-XPF/ERCC4 Antibody; Affinity Purified; ERCC11; FANCD1; XFEPS; xeroderma pigmentosum; complementation group F; xeroderma pigmentosum group F-complementing protein; RAD1; XPF; excision-repair; complementing defective; in Chinese hamster; excision repair cross-complementation group 4; DNA repair protein complementing XP-F cells; DNA repair endonuclease XPF; DNA excision repair protein ERCC-4; excision repair cross-complementing rodent repair deficiency; complementation group 4; ERCC excision repair 4; endonuclease catalytic subunit; anti-XPF/ERCC4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-XPF/ERCC4 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 866 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human XP/ERCC4 by western blot. Samples: Whole cell lysate (25 ug) from HEK293T, HeLa, LNCaP, and RKO cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-XP/ERCC4 antibody (AAA211413 lot 2) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



IP (Immunoprecipitation)
Detection of human XP/ERCC4 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-XP/ERCC4 antibody (AAA211413 lot 2) used for IP at 6 ug per reaction. XP/ERCC4 was also immunoprecipitated by a previous lot of this antibody (AAA211413 lot 1) and a second antibody against a different epitope of XP/ERCC4 (BL5427). For blotting immunoprecipitated XP/ERCC4, AAA211413 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-XP/ERCC4 antibody	XP/ERCC4 is suggested to play a role in the repair of DNA double-strand breaks (DSB), homologous recombination, and gene conversion via single-strand annealing (SSA). XP/ERCC4 is an endonuclease that incises 5-prime DNA. Defects in XP/ERCC4 cause xeroderma pigmentosum VI (XP6) an autosomal recessive disease characterized by hypersensitivity to sunlight and a predisposition to skin cancer as well as neurological abnormalities. Defects in XP/ERCC4 are also responsible for XFE progeroid syndrome, a syndrome characterized by dwarfism, cachexia, and microcephaly.
Product Categories/Family for anti-XP/ERCC4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885217
NCBI GeneID	2072
NCBI Accession #	NP_005227.1
NCBI GenBank Nucleotide #	NM_005236.2
UniProt Accession #	Q92889; O00140; Q8TD83; A8K111
Molecular Weight	104,486 Da
NCBI Official Full Name	DNA repair endonuclease XPF
NCBI Official Synonym Full Names	excision repair cross-complementing rodent repair deficiency, complementation group 4
NCBI Official Symbol	ERCC4
NCBI Official Synonym Symbols	XPF; RAD1; FANCF; ERCC11
NCBI Protein Information	DNA repair endonuclease XPF; DNA excision repair protein ERCC-4; DNA repair protein complementing XP-F cells; xeroderma pigmentosum, complementation group F; xeroderma pigmentosum group F-complementing protein; excision-repair, complementing defective, in
UniProt Protein Name	DNA repair endonuclease XPF
UniProt Gene Name	ERCC4

UniProt Synonym Gene Names	ERCC11; XPF
UniProt Entry Name	XPF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/xpf-ercc4-antibody-immunoprecipitation-western-blot-elisa/211413>