10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ERCC4 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5681c

Specification

ERCC4 Antibody (Center) Blocking peptide - Product Information

Primary Accession	Q92889
Other Accession	NP_005227.1

ERCC4 Antibody (Center) Blocking peptide - Additional Information

Gene ID 2072

Other Names
DNA repair endonuclease XPF, 31--, DNA excision repair protein ERCC-4, DNA repair protein complementing XP-F cells, Xeroderma pigmentosum group F-complementing protein, ERCC4, ERCC11, XPF

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ERCC4 Antibody (Center) Blocking peptide - 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

ERCC4 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

ERCC4 Antibody (Center) Blocking peptide - Images

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ERCC4 Antibody (Center) Blocking peptide - Background

The protein encoded by this gene forms a complex withERCC1 and is involved in the 5' incision made during nucleotideexcision repair. This complex is a structure specific DNA repairendonuclease that interacts with EME1. Defects in this gene are acause of xeroderma pigmentosum complementation group F (XP-F), orxeroderma pigmentosum VI (XP6).

ERCC4 Antibody (Center) Blocking peptide - References

Sijbers, A.M., et al. Cell 86(5):811-822(1996)Park, C.H., et al. J. Biol. Chem. 270(39):22657-22660(1995)Park, C.H., et al. Proc. Natl. Acad. Sci. U.S.A. 91(11):5017-5021(1994)Liu, P., et al. Mutagenesis 8(3):199-205(1993)