

## Polyclonal Antibody to ERCC2 - Aff - Purified

<b>Alternate names:</b>	CXPD, DNA excision repair protein ERCC-2, DNA repair protein complementing XP-D cells, XPD, XPDC, Xeroderma pigmentosum group D-complementing protein
<b>Catalog No.:</b>	AP22959PU-N
<b>Quantity:</b>	50 µg
<b>Concentration:</b>	0.5 mg/ml
<b>Background:</b>	The nucleotide excision repair pathway is a mechanism to repair damage to DNA. The protein encoded by this gene is involved in transcription-coupled nucleotide excision repair and is an integral member of the basal transcription factor BTF2/TFIIH complex. The gene product has ATP-dependent DNA helicase activity and belongs to the RAD3/XPD subfamily of helicases. Defects in this gene can result in three different disorders, the cancer-prone syndrome xeroderma pigmentosum complementation group D, trichothiodystrophy, and Cockayne syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
<b>Uniprot ID:</b>	<a href="#">P18074</a>
<b>NCBI:</b>	<a href="#">NP_000391</a>
<b>GeneID:</b>	<a href="#">2068</a>
<b>Host:</b>	Goat
<b>Immunogen:</b>	Synthetic peptide from human ERCC2 / XPD <b>Remarks:</b> Percent identity by BLAST analysis: Human, Gorilla, Monkey, Marmoset, Mouse, Hamster, Elephant, Panda, Dog, Bat, Bovine, Rabbit, Pig (100%); Rat, Opossum, Salmon, Stickleback, Seq squirt, Sea anemone, Capsaspora (92%); Zebrafish (83%)
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Purification:</b> Immunoaffinity Chromatography <b>Buffer System:</b> Tris saline buffer, pH 7.3 containing 0.5% BSA and 0.02% sodium azide
<b>Applications:</b>	<b>Immunohistochemistry on Paraffin Sections:</b> 3.75 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody reacts to DNA-repair Protein Complementing Xp-d Cells (ERCC2).
<b>Species Reactivity:</b>	<b>Tested:</b> Human, Gorilla, Monkey, Marmoset, Mouse, Hamster, Elephant, Panda, Dog, Bat, Bovine, Rabbit, Pig, Rat, Opossum, Salmon, Stickleback, Seq squirt, Sea anemone, Capsaspora, Zebrafish
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

**Pictures:**

Skin, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)

