Elabscience®

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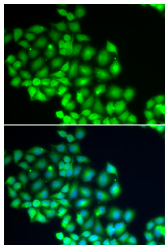
ERCC2 Polyclonal Antibody

Catalog No.	E-AB-61805	**Reactivity**	H,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	IF	**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Immunofluorescence analysis of HeLa cells using ERCC2 Polyclonal Antibody

Immunogen Information

Immunogen	Recombinant fusion protein of human ERCC2 (NP_001124339.1).
GeneID	2068
Swissprot	P18074
Synonyms	ERCC2,COFS2,EM9,TFIIH,TTD,TTD1,XPD

Product Information

Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purify	Affinity purification
Dilution	IF 1:50-1:100

Background

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.