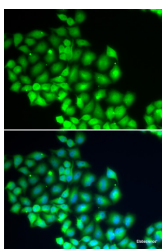


## ERCC2 Polyclonal Antibody

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

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

### Images



Immunofluorescence analysis of HeLa cells using ERCC2 Polyclonal Antibody

### Immunogen Information

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

### Product Information

|                 |   |
|-----------------|---|
| <b>Buffer</b>   | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| <b>Purify</b>   | Affinity purification                             |
| <b>Dilution</b> | 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.

#### For Research Use Only

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.