

## ERCC2 Polyclonal Antibody

**Catalog No.** E-AB-65037

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

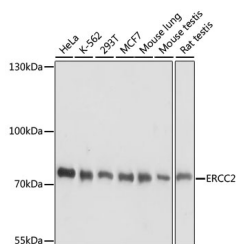
### Description

|                     |                                                             |
|---------------------|-------------------------------------------------------------|
| <b>Reactivity</b>   | Human, Mouse, Rat                                           |
| <b>Immunogen</b>    | Recombinant fusion protein of human ERCC2 (NP_001124339.1). |
| <b>Host</b>         | Rabbit                                                      |
| <b>Isotype</b>      | IgG                                                         |
| <b>Purification</b> | Affinity purification                                       |
| <b>Conjugation</b>  | Unconjugated                                                |
| <b>Buffer</b>       | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.           |

### Applications Recommended Dilution

|           |              |
|-----------|--------------|
| <b>WB</b> | 1:500-1:2000 |
|-----------|--------------|

### Data



Western blot analysis of extracts of various cell lines using ERCC2 Polyclonal Antibody at dilution of 1:1000.

**Observed Mw:80kDa**  
**Calculated Mw:46kDa/86kDa**

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### 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.

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