

**Product Name: ERCC1 Rabbit Polyclonal Antibody**  
**Catalog #: APRab00157**



## Summary

|                        |                                  |
|------------------------|----------------------------------|
| <b>Production Name</b> | ERCC1 Rabbit Polyclonal Antibody |
| <b>Description</b>     | Rabbit Polyclonal Antibody       |
| <b>Host</b>            | Rabbit                           |
| <b>Application</b>     | WB,IHC-P,ICC/IF                  |
| <b>Reactivity</b>      | Human,Mouse                      |

## Performance

|                     |  |
|---------------------|--|
| <b>Conjugation</b>  | Unconjugated   |
| <b>Modification</b> | Unmodified   |
| <b>Isotype</b>      | IgG  |
| <b>Clonality</b>    | Polyclonal   |
| <b>Form</b>         | Liquid   |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.           |
| <b>Buffer</b>       | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| <b>Purification</b> | Affinity Chromatography  |

## Immunogen

|                          |   |
|--------------------------|---|
| <b>Gene Name</b>         | ERCC1                                     |
| <b>Alternative Names</b> | ERCC1; DNA excision repair protein ERCC-1 |
| <b>Gene ID</b>           | 2067                                      |
| <b>SwissProt ID</b>      | P07992.                                   |

## Application

|                         |   |
|-------------------------|---|
| <b>Dilution Ratio</b>   | WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 |
| <b>Molecular Weight</b> | Calculated MW: 33 kDa; Observed MW: 36 kDa      |

## Background

DNA repair systems operate in all living cells to manage a variety of DNA lesions. Nucleotide excision repair (NER) is

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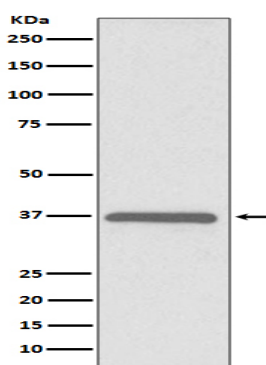


implemented in cases where bulky helix-distorting lesions occur, such as those brought about by UV and certain chemicals. Research studies have shown that expression of ERCC1 is related to survival rate and response to chemotherapeutic drugs in several human cancers including non-small cell lung cancer (NSCLC).

## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of ERCC1 in HeLa lysates using ERCC1 antibody.

## Note

For research use only.