

**ERCC1 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51194**

**Specification**

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**ERCC1 Antibody - Product Information**

|                   |                          |
|-------------------|--------------------------|
| Application       | <b>WB, IHC-P, E</b>      |
| Primary Accession | <a href="#">P07992</a>   |
| Reactivity        | <b>Human, Mouse, Rat</b> |
| Host              | <b>Rabbit</b>            |
| Clonality         | <b>Polyclonal</b>        |
| Calculated MW     | <b>38 KDa</b>            |

**ERCC1 Antibody - Additional Information**

**Gene ID** 2067

**Other Names**

DNA excision repair protein ERCC-1, ERCC1

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**ERCC1 Antibody - Protein Information**

**Name** ERCC1

**Function**

[Isoform 1]: Non-catalytic component of a structure-specific DNA repair endonuclease responsible for the 5'-incision during DNA repair. Responsible, in conjunction with SLX4, for the first step in the repair of interstrand cross-links (ICL). Participates in the processing of anaphase bridge-generating DNA structures, which consist in incompletely processed DNA lesions arising during S or G2 phase, and can result in cytokinesis failure. Also required for homology-directed repair (HDR) of DNA double-strand breaks, in conjunction with SLX4.

**Cellular Location**

[Isoform 1]: Nucleus [Isoform 3]: Nucleus

**ERCC1 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **ERCC1 Antibody - Images**

### **ERCC1 Antibody - Background**

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### **ERCC1 Antibody - References**

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Hoeijmakers J.H.J., et al. Cold Spring Harb. Symp. Quant. Biol. 51:91-101(1986).  
Yu J.J., et al. Mutat. Res. 382:13-20(1997).  
Hisatomi H., et al. Submitted (AUG-2001) to the EMBL/GenBank/DDBJ databases.  
Ota T., et al. Nat. Genet. 36:40-45(2004).