

**Goat anti-ERCC1 Antibody**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF4504a****Specification**

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**Goat anti-ERCC1 Antibody - Product Information**

|                   |  |
|-------------------|--|
| Application       | IF, Pep-ELISA  |
| Primary Accession | <a href="#">P07992</a>   |
| Other Accession   | <a href="#">NP_973730.1</a> , <a href="#">NP_001974.1</a> , <a href="#">NP_001159521.1</a> |
| Reactivity        | Human, Mouse, Rat, Dog, Bovine   |
| Host              | Goat   |
| Clonality         | Polyclonal   |
| Calculated MW     | 32562  |

**Goat anti-ERCC1 Antibody - Additional Information****Gene ID** 2067**Other Names**

ERCC1; excision repair cross-complementing rodent repair deficiency, complementation group 1 (includes overlapping antisense sequence); COFS4; UV20; excision repair cross-complementing 1; excision repair protein

**Dilution**

IF~~1:50~200  
Pep-ELISA~~N/A

**Format**

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat anti-ERCC1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat anti-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

**Goat anti-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](#)

**Goat anti-ERCC1 Antibody - Images**