

## Goat anti-ERCC1 Antibody

Peptide-affinity purified goat antibody Catalog # AF4504a

## **Specification**

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

**Application Primary Accession** Other Accession

Reactivity

Host Clonality

Calculated MW

IF, Pep-ELISA

P07992

NP 973730.1, NP 001974.1, NP 001159521.1

Human, Mouse, Rat, Dog, Bovine

Goat **Polyclonal** 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.

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**

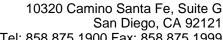
Goat anti-ERCC1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

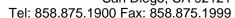
## **Goat anti-ERCC1 Antibody - Protein Information**

### 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
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat anti-ERCC1 Antibody - Images