

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

Specification

Goat anti-ERCC1 Antibody - Product Information

Application	IF, Pep-ELISA
Primary Accession	P07992
Other Accession	NP_973730.1 , NP_001974.1 , NP_001159521.1
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

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