

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

Specification

ERCC1 Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	P07992
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38 KDa

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

van Duin M., et al. Cell 44:913-923(1986).
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).