

**Product Name: ERCC1 Rabbit Polyclonal Antibody****Catalog #: APRab00157**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF
<b>Reactivity</b>	Human,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification</b>	Affinity Chromatography

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200
<b>Molecular Weight</b>	Calculated MW: 33 kDa; Observed MW: 36 kDa

**Antigen Information**

<b>Gene Name</b>	ERCC1
<b>Alternative Names</b>	ERCC1; DNA excision repair protein ERCC-1
<b>Gene ID</b>	2067
<b>SwissProt ID</b>	P07992
<b>Immunogen</b>	A synthetic peptide of human ERCC1

**Background**

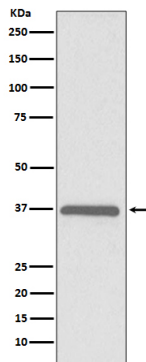
DNA repair systems operate in all living cells to manage a variety of DNA lesions. Nucleotide excision repair (NER) is implemented in cases where bulky helix-distorting lesions occur, such as those brought about by UV and certain chemicals.

Research studies have shown that expression of ERCC1 is related to survival rate and response to chemotherapeutic drugs in several human cancers including non-small cell lung cancer (NSCLC).

## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of ERCC1 in HeLa lysates using ERCC1 antibody.