

## ERCC1 Polyclonal Antibody

**Catalog No.** E-AB-60876

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

### Description

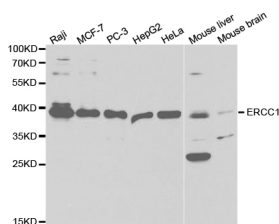
<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Recombinant protein of human ERCC1
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

### Applications Recommended Dilution

**WB 1:500 - 1:2000 IF**

**1:50 - 1:200**

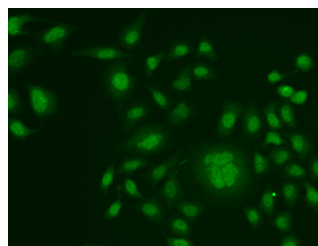
### Data



Western blot analysis of extracts of various cell lines with ERCC1 Polyclonal Antibody

**Observed Mw:38kDa**

**Calculated Mw:25kDa/29kDa/32kDa/35kDa**



Immunofluorescence analysis of HeLa cells with ERCC1 Polyclonal Antibody

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### Background

The product of this gene functions in the nucleotide excision repair pathway, and is required for the repair of DNA lesions such as those induced by UV light or formed by electrophilic compounds including cisplatin. The encoded protein forms a heterodimer with the XPF endonuclease (also known as ERCC4), and the heterodimeric endonuclease catalyzes the 5' incision in the process of excising the DNA lesion. The heterodimeric endonuclease is also involved in recombinational DNA repair and in the repair of inter-strand crosslinks. Mutations in this gene result in cerebrooculofacioskeletal syndrome, and polymorphisms that alter expression of this gene may play a role in carcinogenesis. Multiple transcript variants encoding different isoforms have been found for this gene. The last exon of this gene overlaps with the CD3e molecule, epsilon associated protein gene on the opposite strand.

### For Research Use Only