

## ERCC2 antibody

Catalog No: #38678

Package Size: #38678-1 50ul #38678-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

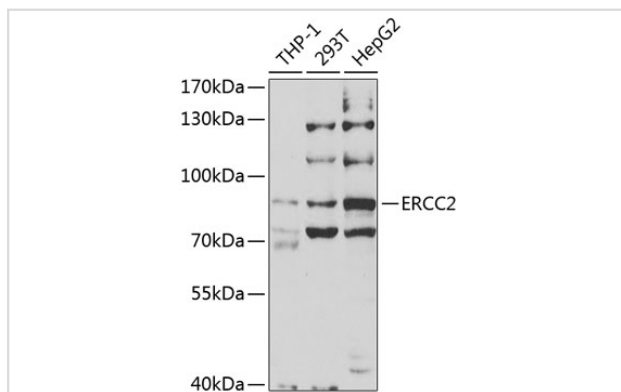
Product Name	ERCC2 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human,Rat
Specificity	The antibody detects endogenous level of total ERCC2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human ERCC2.
Target Name	ERCC2
Other Names	EM9; TTD; XPD; COFS2; TFIIH;
Accession No.	Swiss-Prot#: P18074NCBI Gene ID: 2068
SDS-PAGE MW	87kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

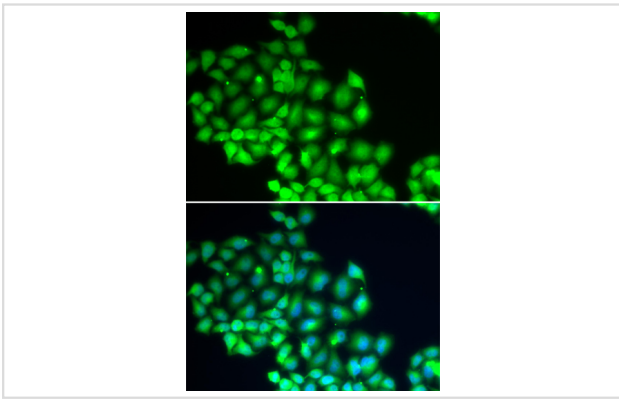
Western blotting: □ 1:500 - 1:2000

Immunofluorescence: □ 1:50 - 1:100

## Images



Western blot analysis of extracts of various cell lines, using ERCC2 antibody at 1:1000 dilution.



Immunofluorescence analysis of HeLa cells using ERCC2 antibody. Blue: DAPI for nuclear staining.

## Background

The nucleotide excision repair pathway is a mechanism to repair damage to DNA. The protein encoded by this gene is involved in transcription-coupled nucleotide excision repair and is an integral member of the basal transcription factor BTF2/TFIIH complex. The gene product has ATP-dependent DNA helicase activity and belongs to the RAD3/XPD subfamily of helicases. Defects in this gene can result in three different disorders, the cancer-prone syndrome xeroderma pigmentosum complementation group D, trichothiodystrophy, and Cockayne syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.