ERCC1 Antibody

Catalog No: #35511

Orders: order@signalwayantibody.com
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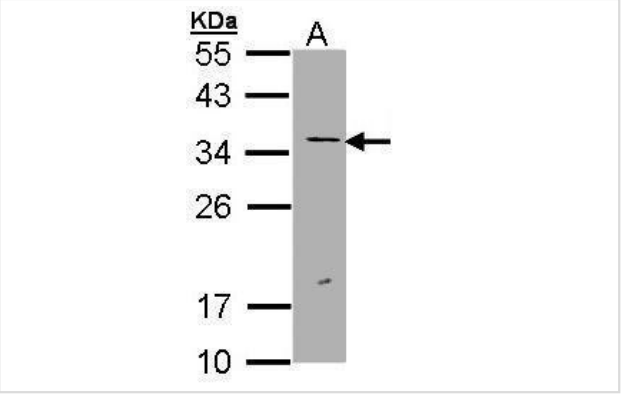
Description

Product Name	ERCC1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by antigen-affinity chromatography.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ERCC1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fragment corresponding to a region within amino acids 47 and 297 of ERCC1.
Target Name	ERCC1
Other Names	COFS4 antibody; RAD10 antibody; UV20 antibody; ERCC1 antibody; DNA excision repair protein ERCC-1 antibody; "excision repair cross-complementing rodent repair deficiency; complementation group 1 (includes overlapping antisense sequence) antibody"
Accession No.	Swiss-Prot#:P07992;NCBI Gene#:2067
Uniprot	P07992
GeneID	2067;
SDS-PAGE MW	33kd
Concentration	0.86mg/ml
Formulation	Rabbit IgG in 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:3000

Images



Sample (30 ug of whole cell lysate)
A: Hep G2
12% SDS PAGE
#35511 diluted at 1:1000

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. [provided by RefSeq]

Note: This product is for in vitro research use only