

For Research Use Only

# ERCC6 Recombinant antibody

Catalog Number: 86144-1-RR



## Basic Information

Catalog Number:

86144-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18009

GenBank Accession Number:

BC127104

GeneID (NCBI):

2074

UNIPROT ID:

P0DP91

Full Name:

excision repair cross-complementing  
rodent repair deficiency,  
complementation group 6

Calculated MW:

1493 aa, 168 kDa

Observed MW:

180 kDa

Purification Method:

Protein A purification

CloneNo.:

250645D4

Recommended Dilutions:

WB: 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB: HeLa cells,

## Background Information

ERCC6, also named as CSB, belongs to the SNF2/RAD54 helicase family. It is involved in the preferential repair of active genes. It is presumed DNA or RNA unwinding function. ERCC6 corrects the UV survival and RNA synthesis after UV exposure of Cockayne syndrome complementation group B. Defects in ERCC6 are the cause of Cockayne syndrome type B (CSB), cerebro-oculo-facio-skeletal syndrome type 1 (COFS1), De Sanctis-Cacchione syndrome (DSC), and UV-sensitive syndrome (UVS). Genetic variation in ERCC6 is associated with susceptibility to age-related macular degeneration type 5 (ARMD5). The antibody is specific to ERCC6.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

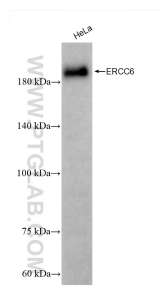
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 86144-1-RR (ERCC6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.